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Announcement

Eleventh  
Session  
1910-11

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Vol. 8, No. 2  
Oct., 1910

Medical Department of  
Baylor University  
Dallas, Texas



Baylor University  
School of Medicine and  
School of Pharmacy

Dallas, Texas



**FOUNDED AT INDEPENDENCE, TEXAS, 1845**

Medical Department of Baylor University

Annual Announcement  
Eleventh Session, 1910-1911

Entered at the Postoffice at Dallas, Texas  
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ELBERT DUNLAP, Ph. G., M. D., Secretary;  
G. M. HACKLER, M. D., W. J. CALVERT, A. B., M. D.  
CHAS. M. ROSSER, M. D., A. F. BEDDOE, A. B., M. D.,  
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DOCTORS CARY, BEDDOE AND EBERLE.

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Registrar  
M. W. SMITH.

## CALENDAR

---

BAYLOR UNIVERSITY SCHOOL OF MEDICINE

1910-11

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SEPTEMBER 30, FRIDAY—OCTOBER 1, SATURDAY

Days of Registration and  
Examination for entrance.

OCTOBER 3, MONDAY

First semester begins.

NOVEMBER 24, THURSDAY

Thanksgiving Holiday

DECEMBER 15, THURSDAY

First Intermediate Examinations begin

DECEMBER 22, THURSDAY

Christmas vacation begins.

JANUARY 2, MONDAY

Work resumed.

FEBRUARY 22, WEDNESDAY

Holiday, Washington's Birthday.

MAY 1, MONDAY

Final Examinations begin.

MAY 16, TUESDAY

Commencement.



BAYLOR MEDICAL SCHOOL

TEXAS BAPTIST MEMORIAL SANITARIUM

A faint, light gray watermark of classical architecture is visible in the background. It features a series of four fluted columns supporting a horizontal entablature, with a triangular pediment above. The entire watermark is slightly faded.

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## MEDICAL FACULTY

SAMUEL PALMER BROOKS, A. M., LL. D.,  
PRESIDENT

1024 Speight Street, Waco, Texas.

- (A. B., Baylor University, 1893; A. B. Yale University, 1894; Fellow in Yale University, 1901-2, and A. M., 1902; LL. D., Richmond College, Virginia, 1903.)

EDWARD HENRY CARY, M. D.,  
DEAN AND PROFESSOR OF DISEASES OF EYE, EAR, NOSE AND THROAT  
Linz Building, Dallas.

- (M. D., Bellevue Hospital Medical College, 1898; Medical and Surgical Service, Bellevue Hospital, 1898-99; ex-House Surgeon, N. Y., Eye and Ear Infirmary, 1899-01; ex-Visiting Ophthalmologist and Aurist to Bellevue Hospital Dispensary; ex-Lecturer on Eye in New York Polyclinic; ex-Clinical Lecturer on Eye in University and Bellevue Hospital Medical College; Member of American, Texas and other Medical Associations; President Dallas County Medical Society; Delegate to American Medical Association; Oculist for Texas Traction Co. and H. & T. C. R. R. Co.

CHARLES McDANIEL ROSSER, M. D.,  
PROFESSOR OF SURGERY  
Linz Building, Dallas.

- (M. D., University of Louisville, 1888; Surgeon in Chief Dallas City Hospital, 1891; Superintendent North Texas Insane Asylum, 1895; Post Graduate Study, New York Polyclinic, Chicago Hospital and St. Mary's Infirmary, Rochester, Minnesota; First Vice-President Texas State Medical Association, 1895; Treasurer Southern Surgical Association, 1893-07; President Medical Association of the Southwest, 1907-08; Medical Examiner for Army Service during War with Spain; Chief Surgeon Dallas Consolidated and other Electric Railways; Local Surgeon of Texas and Pacific, Cotton Belt, and Trinity and Brazos Valley Railroads; Medical Director Sam Houston Life Insurance Company.)

ELBERT DUNLAP, Ph. G. M. D.,  
PROFESSOR OF GYNECOLOGY  
Wilson Building, Dallas.

- (Ph. G., St. Louis College of Pharmacy, 1892; M. D., Beaumont Hospital Medical College, 1896; House Surgeon, M. K. & T. Railroad Hospital, Sedalia, Mo., 1896-97; on Staff of St. Paul's Sanitarium, 1899-1909; Graduate Student in New York Polyclinic, 1898; Graduate Student at frequent intervals in Chicago, New York, and Philadelphia; President of Dallas Medical and Surgical Society.

WILLIAM JEPHTHA CALVERT, M. D.,  
PROFESSOR OF MEDICINE  
Linz Building, Dallas.

- (A. B., Kentucky University, 1893; M. D. Johns Hopkins Medical College, 1898; Interne Johns Hopkins Hospital, 1898-99; First Lieutenant and Assistant Surgeon, U. S. A., 1902; First Lieutenant and Assistant Surgeon, Reserve Medical Corps, U. S. A., 1909; Professor Physical Diagnosis, University of Missouri.)

## Baylor University

ALBERT FERDINAND BEDDOE, M. D.,  
 PROFESSOR OF DISEASES OF CHILDREN  
 Linz Building, Dallas.

(A. B., Baylor University, 1879; M. D., Memphis Hospital Medical College, 1894; Physician and Surgeon in Charge of Buckner Orphans' Home for seven years.)

HAROLD MEDORIS DOOLITTLE, M. D.,  
 PROFESSOR OF ANATOMY AND ASSOCIATE PROFESSOR OF SURGERY  
 Linz Building, Dallas.

(Educated Oberlin College, 1893-6, and University of Michigan, Literary Department, 1898-1900; M. D., University of Michigan, 1902; Medical Staff of University Hospital, University of Michigan, 1901-02; Interne Northern Pacific Hospital, Brainerd, Minnesota, 1902-03; House Surgeon, ib., 1903-04; Resident Surgeon, Mayo's Surgical Hospital, Rochester, Minn.; Graduate Student, Mayo's Surgical Hospital, July-September, 1906, and August and September, 1907; Demonstrator of Operative Surgery, University of Michigan, 1900-01; Prosector, Dental Department, University of Michigan, 1899-1901; Demonstrator of Operative Surgery, University of Michigan, 1900-01; Diploma New York Lying-in Hospital, 1900.)

GARFIELD M. HACKLER, M. D.,  
 PROFESSOR OF PRINCIPLES OF SURGERY AND CLINICAL SURGERY  
 Wilson Building, Dallas.

(M. D., University of Maryland School of Medicine, Baltimore, 1891; Graduate Work in New York Polyclinic, 1893; Chicago Polyclinic, 1896; New York Polyclinic, 1898; New Orleans Polyclinic, 1899; Graduate work part of each year, Medical School and Hospital of Chicago, 1900-05; Graduate Student of Surgery in several Hospitals of London, England. 1907.)

JULIAN HYMAN MORRIS, M. D.,  
 PROFESSOR OF PHYSIOLOGY AND RECTAL DISEASES  
 Kirby Building, Dallas.

(M. D., University of Virginia, 1901; Interne Mothers and Babies Hospital of New York, 1900; House Surgeon, Roanoke (Va.), Hospital, 1901; Some time Demonstrator of Anatomy and Licentiate in Medicine, University of Virginai; Four Sessions Professor of Anatomy, Physiology and Pathology in Medical College of Southwestern University; at present Professor of Pathology and Bacteriology, State Dental College of Texas.)

JESSE CONNOR CHISHOLM, P. D.,  
 PROFESSOR OF CHEMISTRY AND TOXICOLOGY  
 College Building, Dallas.

(B. S., Rockwall College, 1899; Phar. D., Philadelphia College of Pharmacy, 1904; Professor of Chemistry, ib., 1905; City Chemist, Dallas, 1906-08.)

CALVIN RICHARDS HANNAH, M. D.,  
 PROFESSOR OF OBSTETRICS  
 Linz Building, Dallas.

(Academic Education in University of Illinois; M. D.,<sup>\*</sup> Illinois Medical College, Chicago, 1904; One Year Assistant to Chief of Surgeon Mexican Central Railroad, in the Hospital at Agues Calientes.)

**EMILE ARONSON, M. D.,**  
**PROFESSOR OF STOMACH DISEASES**  
 Linz Building, Dallas.

(Educated in the Gymnasium of Mitan, Carlshad, Germany; M. D., Imperial University of Dorpat, Livonia, Europe; Special Graduate work in New York on Diseases of Stomach and Intestines, 1904.)

**JAMES M. MARTIN, M. D.,**  
**PROFESSOR OF ELECTRO-THERAPEUTICS**  
 Wilson Building, Dallas.

(M. D., St. Louis College of Physicians and Surgeons, 1892; Graduate Student Illinois School of Electro-Therapeutics, 1905; Member of the various National, State and Local Medical Associations.)

**JOHN SHADE TURNER, M. D.,**  
**PROFESSOR OF MENTAL AND NERVOUS DISEASES**  
 Linz Building, Dallas.

M. D., Louisville Medical College, 1889; Three Years a Member of the Board of Counselors of the American Medico-Psychological Association; ex-President of the Tri-State Medical Association; Associate Editor (Department of Mental and Nervous Diseases) of the Texas Medical News; Assistant Superintendent of Southwestern Insane Asylum, San Antonio, 1897-1900; Superintendent of the North Texas Insane Asylum, Terrell, 1900-1907; Medical Director of the Southland Life Insurance Company.)

**J. B. SHELMIKE, A. B., M. D.,**  
**PROFESSOR OF DERMATOLOGY**

(M. D. Tulane University, 1883; Post Graduate work Polyclinic Hospital, New Orleans, 1895; Post Graduate work Skin and Cancer Hospital, 1896 and 1905; Work in Post Graduate Hospital, Chicago, 1903.

**HUGH LESLIE MOORE, M. D.,**  
**CLINICAL PROFESSOR OF CHILDREN'S DISEASES**  
 Andrews Building, Dallas.

(A. B., Columbia College, 1894; M. D., Bellevue Hospital Medical College, 1897; 3 months in Great Ormand Street Hospital for Sick Children, London, England; Graduate Study in New York Polyclinic, London and Vienna Hospitals in 1900; ib., in New York Polyclinic in 1903-05; Chief Surgeon Texas Traction Company; Secretary North Texas Medical Society since 1900.)

**JOHN HENRY DEAN, M. D.,**  
**PROFESSOR OF GENITO-URINARY DISEASES**  
 Wilson Building, Dallas

(M. D. Jefferson Medical College, 1904; Interne, Jefferson Hospital, 1903; Interne in Harrisburg General Hospital, 1905; Graduate study in New York Polyclinic, 1906.)

**WALTER MAY PECK, M. D.,**  
**CLINICAL PROFESSOR OF DISEASES OF THE STOMACH AND INTESTINS AND LECTURER**  
**ON DIET AND HYGIENE**  
 Linz Building, Dallas.

(M. D., University of Michigan, 1903; Member of Staff of Resident Surgeons, Northern Pacific Hospital, Minnesota, 1903-04; Graduate Work in leading Hospitals of Minnesota and Illinois.)

CHESTER ARTHUR DUNCAN, P. D.,

ASSOCIATE PROFESSOR OF PHARMACY AND LECTURER ON MATERIA MEDICA.  
Wilson Building, Dallas.

- (B. S., Dickinson Seminary, 1900; Phar. D., Philadelphia College of Pharmacy, 1905; Associate Professor Baylor School of Pharmacy, 1905-09.)

LEE YATER, M. D.,

ASSOCIATE PROFESSOR IN PATHOLOGY AND BACTERIOLOGY.

- (M. D., Baylor University School of Medicine, 1906; Assistant in Pathological Laboratory Baylor University School of Medicine, 1904-1905.)

ALBERT WARE NASH, M. D.,

LECTURER ON THERAPEUTICS AND ASSISTANT IN MEDICINE  
Kirby Buliding, Dallas.

- (M. D., Vanderbilt University, 1906; Steward and Interne Dallas City Hospital, 1906-07; Assistant Health Officer, City of Dallas, 1907-09; Member of American, State and Local Medical Associations; Secretary Dallas County Medical Society.)

JOHN GRAHAM PASCHALL, Ph. G., M. D.,

LECTURER ON GENITO-URINARY DISEASES  
Wilson Building, Dallas.

- (M. D., Baylor University School of Medicine, 1906; Interne Gainesville, Texas, Hospital, 1906-07; Ph. G., Baylor University College of Pharmacy, 1907.)

DAVID L. BETTISON, M. D.,

CLINICAL INSTRUCTOR IN DISEASES OF EYE, EAR, NOSE AND THROAT.  
Linz Building, Dallas.

- (M. D., Baylor Uinversity School of Medicine, 1906; Associated with Dean Cary; Secretary-Treasurer Baylor University School of Medicine Alumni Association.)

J. DEVOINE GUYOT, M. D.

LECTURER AND DEMONSTRATOR IN HISTOLOGY.

- (Jefferson Medical College, Philadelphia, 1905; Assistant Surgical Dispensary, Jefferson Hospital, 1905-07; Chief Surgeon King of Arizona Mines Co., 1909; Division Surgeon Randolph Lines of Arizona and Mexico, 1909; Chief Surgeon Whitwell Hospital 1909.)

CLARENCE MANNING GRIGSBY, M. D.

ASSOCIATE IN OBSTETRICS AND LECTURER IN EMBRYOLOGY

- (College of Physicians and Surgeons, Baltimore, 1893; Post Graduate Work New York Polyclinic Hospital, 1897 and 1907; Post Graduate Work Philadelphia Polyclinic Hospital, 1907; Work in Chicago Post Graduate College, 1900-1902.)

T. B. FISHER, M. D.

ADJUNCT TO CHAIR OF SURGERY  
City Hospital, Dallas.

- (M. D., Tulane University, 1896; at present Dallas City Health Officer.)

W. W. SHORTAL, M. D.,  
DEMONSTRATOR OF ANATOMY  
Ling Building, Dallas.

(M. D., Baylor University School of Medicine; Interne, Texas Baptist Memorial Sanitarium, 1909-10).

ROBERT MURPHY FREEMAN, M. D.,  
DEMONSTRATOR OF ANATOMY

(M. D., Baylor University School of Medicine, 1907; Interne St. Paul's Sanitarium, 1907-08.)

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#### Special Lecturers

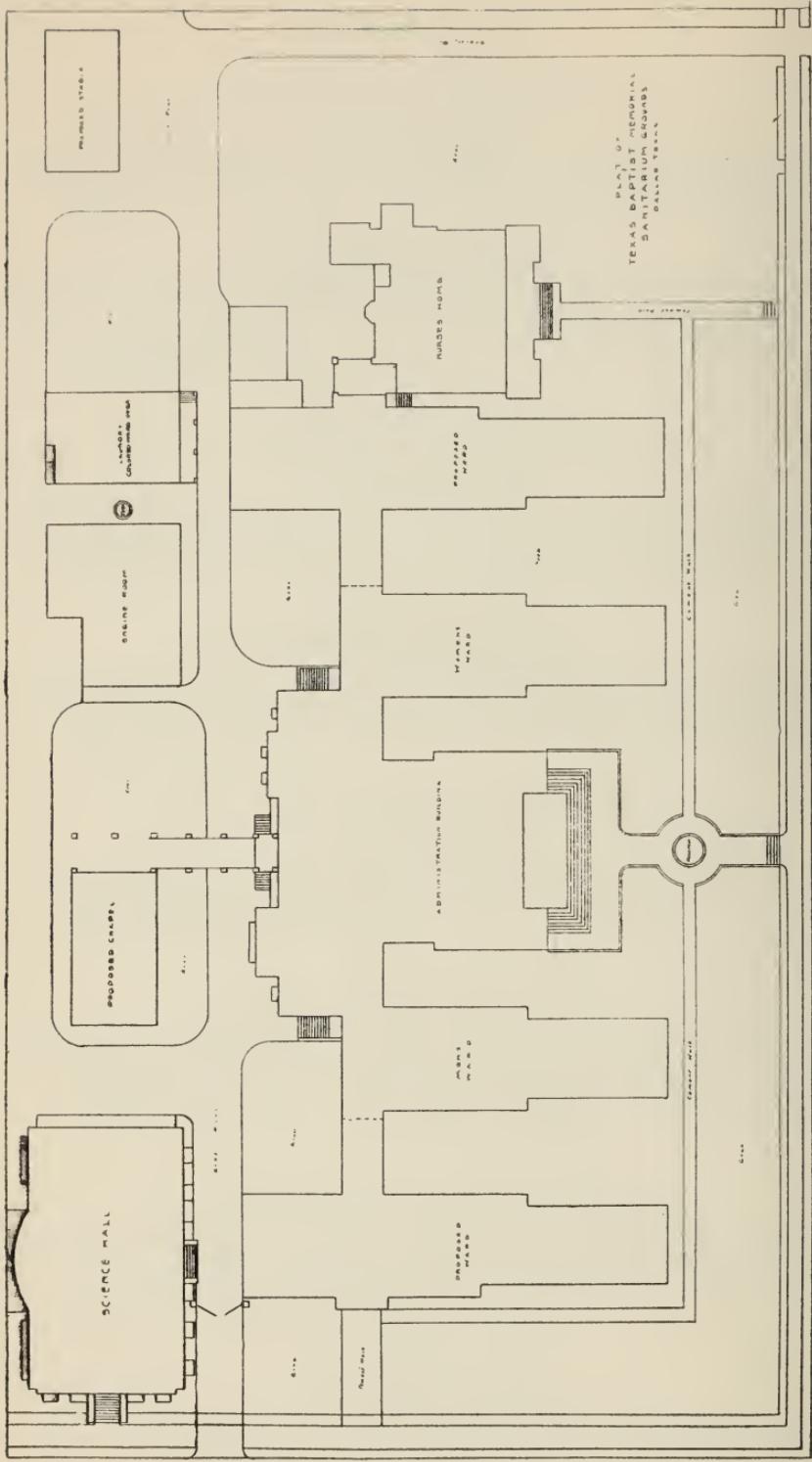
J. E. GILCREEST, M. D.,  
GAINESVILLE, TEXAS  
LECTURER ON GYNECOLOGY

(Twelve lectures on Gynecology each year since 1900; Ex-President State Medical Association.)

J. M. INGE, M. D.,  
DENTON, TEXAS  
LECTURER ON REGIONAL ANATOMY

(Twelve lectures on Regional Anatomy each year since 1900; Ex-President North Texas Medical Association.

JUNIPER STREET  
PLAT OF TEXAS BAPTIST MEMORIAL SANITARIUM GROUNDS



# TEXAS BAPTIST MEMORIAL SANITARIUM

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W. W. SHORTAL, M. D.  
T. B. FISHER, M. D.

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A. W. NASH, M. D.

#### Genitory-Urinary

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C. M. GRIGSBY, M. D.**Pediatrics**

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**Eye, Ear, Nose and Throat**E. H. CARY, M. D.  
D. L. BETTISON, M. D.**Nervous Diseases**

J. S. TURNER, M. D.

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**Electro-Therapeutics**

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**Orthopedic Surgery**

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**Pharmacist**

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J. B. SHELMIKE, M. D.

**Pediatrics**A. F. BEDDOE, M. D.  
H. L. MOORE, M. D.**Stomach Diseases**EMILE ARONSEN, M. D.  
W. M. PECK, M. D.**Pathology**

LEE YATER, M. D.

**Gynecology**

ELBERT DUNLAP, M. D.

**Obstetrics**

C. R. HANNAH, M. D.

**Eye, Ear, Nose and Throat**

E. H. CARY, M. D.

**Materia Medica**

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J. C. CHISHOLM, Ph. G.

**Anatomy**

W. W. SHORTAL, M. D.

**Physiology**

J. H. MORRIS, M. D.

## HISTORICAL

The Texas Baptist General Convention meets annually, and is the representative body of the Baptists of Texas, whose membership is about four hundred thousand, there being some three thousand delegates in annual session. The convention fosters and controls all the charities, missions and educational work, naming boards for Universities, Hospitals and correlated Schools of the Baptist Denomination of the State.

Baylor University was founded in 1845, being the first University organized in the State. It was reorganized and chartered in 1886, when it was placed under the control of the Baptist General Convention of Texas and located at Waco. Its great growth has dated from that time. In 1903 the Board of Trustees of Baylor University took over the School of Medicine which was organized at Dallas in 1900, known as the Medical Department of the University of Dallas, which was a proprietary school. The arrangement with Baylor University was for a term of three years, the faculty of the Medical School to govern the finances. This arrangement was renewed for three years, when in 1909 Baylor University assumed absolute responsibility for its Medical Department, which action converted the Baylor University School of Medicine into an Integral and Co-ordinate part of the University.

The Texas Baptist General Convention in 1905 decided to build a Sanitarium to be known as the Texas Baptist Memorial Sanitarium, which was opened in October, 1909, the School of Medicine having access, but no distinct affiliation. On June 20th the Board of Directors of the Sanitarium completed the organization of the Medical School by organizing an advisory Board selected from the clinical chairs constituting the faculty of the Medical School, turning over to them all clinical Material, and requesting them to submit an organization of the professional side of the Sanitarium, both in its indoor and outdoor departments, and the training school for nurses.

This affiliation is similar in nature to the most advanced conception of the relationship which should exist between a University Medical School and a Hospital for the accomplishment of the best scientific results in the care of the sick and the teaching of medicine,

This meets the fundamental conception of the organization of Medical Schools as outlined by the American Medical Association and its co-worker, the Carnegie Foundation for the advancement of teaching. The remaining requirements of these organizations are easier to meet and are in course of completion, the maturity of which will make Dallas a medical center of the Southwest. Geographically isolated from medical centers, Dallas offers an opportunity which scientific men recognize, for the development of medicine which will give to the contributory population that security which comes through the advancement of her medical men and which is recognized as one of the most vital and valuable assets of a community.

## TEXAS BAPTIST MEMORIAL SANITARIUM

The location of the Sanitarium grounds, upon which the several associated buildings have been erected, is ideal for the purposes, whether humanely benevolent or scientifically educational. It is situated at the outskirts of the business district of the city, avoiding unpleasant contact with commercial activity, and yet within easy access from every direction. Its eastern approach is connected with one of the many elegant resident sections of the city, in the atmosphere of which there is every possibility for mental and physical comfort. Upon its spacious campus shaded by ancient trees, are the Sanitarium structure, and Ramsuer Science Hall appropriate in architecture and

equipment. There is also a smaller building formerly used as hospital and college, but now assigned to the young women for the Nurses' Training School. The Texas Baptist Memorial Sanitarium was erected by the Baptists of Texas and is controlled by a board of trustees elected each year by the Baptist General Convention of Texas. The complete building compares favorably with any like institution without respect to place or period. The structure of brick and steel is provided with metal frames and doors, and in this fire proof feature, must be a comforting assurance to those who occupy it, and an economy of maintenance which will be lasting. Plans have been determined after a thorough study of those used elsewhere, and there is nothing more modern in the matter of detail, as judged from scientific or operative view point, due regard having been given to the several seasons of the year in this particular climate. The Corridors, wards and rooms are ventilated under pressure employed by apparatus for lowering the temperature in the summer and which supplies heat during the winter months, all of which is accomplished in the absence of dust and noise. An artesian well furnishes an abundant quantity and a superior quality of water. The operating rooms, having the steady exposure of north light and overhead glass covering, are equipped with electrical arrangements giving practically the same results for night emergency service. The six spacious wards of 16 beds each face south, and there is not an inside or otherwise uncomfortable room in the building. There is space on the top of each wing for a roof garden, which can accommodate many hundred persons and where convalescent patients can find the essentials to quick recovery.

#### THE RAMSUER SCIENCE HALL

By donation in cash and property to the amount of more than One Hundred Thousand Dollars, Mrs. Ramsuer, of Paris, Texas, provided for a building to be known as the "Ramsuer Science Hall," and to be occupied by the medical Department of Baylor University. The building is of four stories, each of which is admirably adapted. The first floor has a large lecture hall, storage space, pharmacy, and a chemical laboratory, equipped throughout with every appliance required for the successful teaching of these important branches. The second floor, which is arranged as the administrative department of the college, contains a library for the use of students, and a faculty room where the offices of the Dean and Registrar are maintained, as well as a large lecture hall which will comfortably seat 210. It is surrounded by rooms for clinical work where cases of all characters are examined.

The entire space of the third floor is devoted to laboratories for Histology, Bacteriology and Pathology, connected with which is a physiological laboratory where the work will be properly emphasized. In addition to these an X-ray room is equipped and in operation. Beginning here and ending at the top of the fourth floor is the college Amphi-theatre, large enough for classes of 300 or more, under the elevation of which is a laboratory providing for private or special research work. The fourth floor provides space for an anatomical laboratory 25 by 50 feet in dimensions for the work of operative surgery and post-mortem investigation. The several floors are approached by an elevator doing both freight and passenger service.

The building as briefly described is within 50 feet of the Sanitarium proper and is supplied with light, heat, and water from the same general system, leaving nothing to be desired for the convenience of those who come to the institution to avail themselves of the high-class opportunities which Baylor University offers students of Medicine and Pharmacy.

### OUT DOOR DISPENSARY

All of the walking patients of the Hospital, of the College will be treated in the Out-Door Department, which is located on the ground floor of the College building adjoining the Sanitarium. The clinic will be open from 2:00 to 3:00 o'clock every day, except Sunday and holidays, to the poor of the city. Every phase of medicine and Surgery will be cared for here, offering the best clinical opportunity for advanced students. The third and fourth year men are utilized in assisting in this Clinic. They are expected to write histories, make Blood Counts, Urinalyses and all work, which may aid them in their scientific and practical work. It is to be expected that in a short time, under systematized and careful management, this Clinic will take front rank in service both to humanity and the student body. All patients in this Out Door Dispensary are under the exclusive control of the various teachers caring for their respective departments.

### ST. PAUL'S SANITARIUM

St. Paul's Sanitarium, under the able management of Sister Camilla, has proven itself one of the best hospitals conducted by the Sisters of Charity in the South. The faculty of Baylor has been accorded every courtesy and a large part of our clinical work was done there the past season. In groups of six, students see all the operative work and make rounds in the wards with teachers. St. Paul's is a magnificently appointed hospital of forty-five private rooms, and five large wards. A large amount of charity is carried on by the Sisters, both in their indoor and outdoor departments.

### BUCKNER CHILDREN'S HOSPITAL

The Buckner Children's Hospital is the one exclusive children's hospital in the city where dependent children are admitted and treated free of all charge. In addition to this it has a pay department, where patients are received and accorded first-class accommodations.

This institution is supplied with all up-to-date facilities for operative and medical treatment.

The management accords access to the Medical School for bedside and operative treatment. Daily clinics are held here by members of faculty.

The faculty has been invited to take charge of the clinics of the hospital, both indoors and outdoors. Dr. Buckner contemplates building immediately an addition, which will comfortably house the outdoor clinic. The facilities of the hospital in the meantime are good and open to Baylor students.

### WOMAN'S HOME

The Woman's Home of Dallas, which is situated not a great distance from the College building, is drawn upon for material and the members of the faculty from time to time visit this institution.

### INTERNES.

Internes appointed in Hospitals for ensuing year, 1910-11:

TEXAS BAPTIST MEMORIAL SANITARIUM—B. B. Brandon, Dallas; J. H. Gambrell, Jr., Dallas.

ST. PAUL'S SANITARIUM—R. R. Davis, Dallas, Texas; T. M. Jarmon, Roscoe, Texas.

CITY HOSPITAL—J. D. Davidson, Dallas, Texas.

### ADMISSION

Every student applying for the first year in medicine must submit—

1. Evidence that he is a graduate of a High School or a Normal School or some other institution of high grade, or

2. A certificate of entrance to the freshman class of a recognized College or University, or

3. An accredited certificate to the effect that he has made as much as twelve units\* in literary work.

These certificates or credentials should be sent to the Registrar two weeks prior to the beginning of the session. A fee of \$1 must accompany the certificate.

The following requirements are made by the State Board of Medical Examiners:

For full admission to medical colleges credit for ten units\* will be required. Eight of these must be from the prescribed subjects (English, History and Mathematics), but the remaining two may be taken in any of the elective subjects named below.

For the session of 1910-11 credit must be obtained for 12 units\* at the time of entrance into a medical college.

The following are the required and elective subjects with their respective values:

**REQUIRED.**—(a) English, 3 units\*. To include Grammar, Composition and Classics, Rhetoric, English Literature, American Literature.

(b) History, 2 units\*. To include United States History, General History, or English History, or Greek and Roman History.

(c) Mathematics, 3 units\*. Algebra,  $1\frac{1}{2}$  units; Plane Geometry,  $1\frac{1}{2}$  units.

**ELECTIVE.**—From the following list units must be selected to make 12 in 1910, 14 in 1911 and thereafter:

English, 1 unit. History,  $\frac{1}{2}$ , 1,  $1\frac{1}{2}$ , or 2 units (additional to prescribed units). Latin, 2, 3, or 4 units. French, 2 or 3 units. German, 2 or 3 units. Spanish, 2 or 3 units. Physics, 1 or 2 units with laboratory work. Chemistry, 1 or 2 units with laboratory work. Botany, 1 or 2 units. Physiography,  $\frac{1}{2}$  unit. Civics,  $\frac{1}{2}$  unit. Solid Geometry,  $\frac{1}{2}$  unit. Trigonometry,  $\frac{1}{2}$  unit. Manual Training, 1 to 2 units.

The Executive Committee upon advice of the Dean reserves the right to correct any mistakes in classification occurring under misapprehension in registration.

The right is also reserved to refuse any student matriculation or to terminate his connection with the school for neglect of duty or conspicuously bad conduct.

#### ADVANCED STANDING

1. Students having attended one or more official courses in any regular and recognized school of medicine will receive credit for the same and be promoted to such classes as their cards warrant.

It is urgently requested that such credentials be sent to the Registrar prior to the opening of the session to prevent delay should an investigation be necessary.

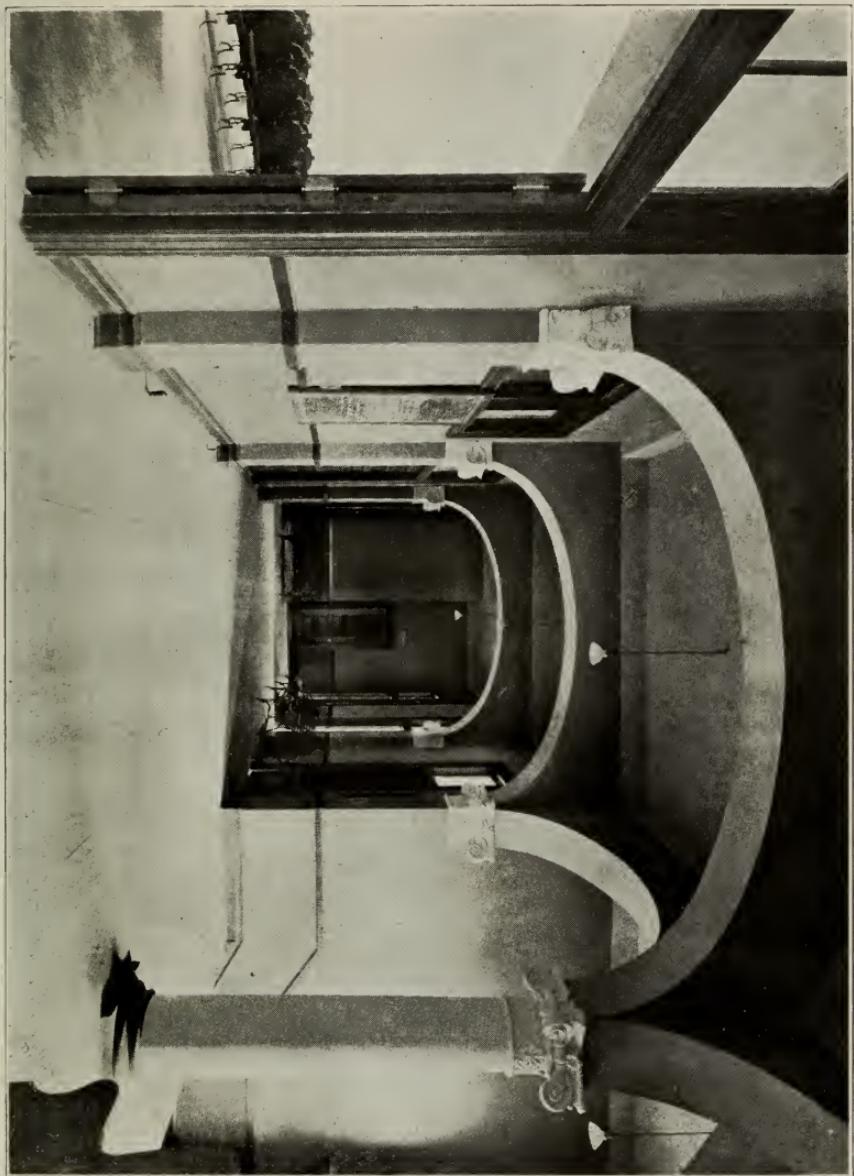
Should such cards show deficiencies in a limited number of branches, such deficiencies must be removed before the 1st of November following matriculation or be added to the regular work.

2. Graduates of recognized literary colleges and universities may be advanced to second year work, provided all branches belonging to the lower class be made up.

3. Graduates of Homeopathy and Eclectic Medicine will be granted such advancement as the faculty may deem proper.

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\*A unit represents the work done in one full session of a High School course, accomplished by five forty-minute recitations per week for a period of not less than 36 weeks.



CORRIDOR AND ENTRANCE TO LECTURE ROOM



## EXAMINATIONS AND PROMOTIONS

A graduate of a recognized medical school, not wishing a degree, will be admitted to an elective course in any branches of the curriculum, upon satisfying the financial requirements for admission.

One intermediate examination is held during the term by each professor upon the subject matter embraced in his course. At the end of the session the average result constitutes the student's term grade. A general examination is also held by each Professor in all his classes at the close of the term, upon the matter taught during the session, and the mark obtained by each student is known as his final examination mark.

There are but two grades, designated, respectively, "satisfactory" for those who pass, and "unsatisfactory" for those who fail. The grade "satisfactory" is equivalent to a percentage mark of 70 or over; the grade "unsatisfactory," to any percentage mark less than 70.

A student whose grade for the term and final examination are satisfactory will be allowed to pass to the next class or to graduation.

A student whose grade for the term is satisfactory, but whose final examination grade is unsatisfactory, will be conditioned.

A student whose grade for the term is unsatisfactory, will be conditioned, unless the final examination mark is 75 per cent or more.

A student who has been conditioned in not more than three branches must secure grade of 75 per cent in an examination upon these subjects, to be held in the last week in September preceding his next session; failing in such examinations, he will not be permitted to take advanced standing.

A student is not permitted to carry a deficiency beyond the year succeeding that in which this deficiency occurred.

A student with such unsatisfied branches will be matriculated in the lowest class in which deficiencies occur.

A student conditioned in more than three branches will not be permitted to take examinations to remove such conditions, but will be required to repeat the course in its entirety.

No regular students will be matriculated after November fifteenth of each year.

A diploma or certificate of educational qualifications, attested by the Dean of the Medical College attended, together with a set of tickets, showing the holder has attended one full course of medical lectures, shall be essential to attendance upon a second course of lectures, and every student prior to matriculating for a third or fourth course of lectures, shall be required to show, by similar evidence, that he has previously taken two, or three, courses of lectures.

## QUALIFICATIONS FOR GRADUATION

1. The candidate must be twenty-one years of age, and of good moral character.
2. The candidate must have attended four courses of lectures of not less than 7 months each in four separate years, the last in this school.
3. The candidate must have dissected in two courses.
4. The candidate must have attended one course in each of the Special Laboratory Departments, to-wit (1) Histology, (2) Bacteriology, (3) Chemistry, (4) Operative Surgery, (5) Pathological-Histology.
5. The candidate must have paid all fees in full.
6. The candidate must have notified the Secretary of his intention to apply for graduation, and must have paid the examination fee by February 15, 1911.

7. The candidate must have attended two courses of clinical or hospital instruction.

8. The candidate must be present at Commencement.

9. Every candidate will undergo both written and oral examinations, each professor examining his own branch.

### METHODS OF INSTRUCTION

The work of the school is conducted according to the following curriculum:

#### First Year

Systematic lectures upon (1) Anatomy; (2) Physics and Inorganic Chemistry; (3) Materia Medica; (4) Normal Histology; (5) General Physiology and Physiology of Digestion and of the Blood.

Practical work in (1) Anatomy; (2) Normal Histology; (3) Demonstrations in Physiology; (4) Qualitative Chemical Analysis and Urinalysis.

#### Second Year

Systematic lectures upon (1) Anatomy; (2) Physiology of Metabolism, Circulation and Respiration, Excretion and Secretion, Muscular and Nervous Functions, Special Senses and Reproduction; (3) General Pathology; (4) Physical Action of Drugs; (5) Bacteriology; (6) Organic Chemistry.

Practical work in (1) Anatomy; (2) Physiology; (3) Bacteriology; (4) Quantitative Chemical Analysis, (5) Pathological Histology.

#### Third Year

Systematic lectures on (1) Practice of Medicine; (2) Practice of Surgery; (3) Physiology of Pregnancy and Labor, Normal Obstetrics, including its Mechanics, Pathology of Pregnancy and Surgery of Obstetrics; (4) Therapeutics; (5) Special Pathology of the Blood and General Diseases, Bloodmaking Organs, Circulatory Organs, and Respiratory Organs, Gynecological Pathology; (6) Mental and Nervous Diseases; (7) Hygiene; (8) Diseases of the Skin; (9) Diseases of Children; (10) Diseases of the Eye; (11) Diseases of the Ear, Nose and Throat; (12) Diseases of the Stomach and Intestines.

Practical Work in (1) Pathological Histology; (2) General Medicine; (3) Obstetrics; (4) Nervous Diseases; (5) Pediatrics.

#### Fourth Year

Systematic lectures in (1) Practice of Medicine; (2) Practice of Surgery; (3) Pathology of Labor and Child-birth, Gynecology; (4) Special Pathology of Digestive Organs, Genito-urinary Organs, Muscular Apparatus, Nervous System, Skin and Osseous System; (5) Mental and Nervous Diseases; (6) Diseases of the Skin; (7) Diseases of Children; (8) Diseases of the Eye; (9) Diseases of the Ear, Nose and Throat; (10) Medical Jurisprudence; (11) Climatology; (12) Dietetics; (13) Diseases of Stomach and Intestines.

Practical work in (1) Operative Surgery; (2) Gross Morbid Anatomy and Autopsy Making; (3) Classes in Clinical Medicine and Surgery; (4) Cases of Labor.

Clinical lectures on Medicine, Surgery, Gynecology, Mental and Nervous Diseases, Diseases of the Skin, Diseases of the Eye, Diseases of the Ear, Nose and Throat.

#### Branches of Medical Science to Be Included in Course of Instruction

Anatomy, Physiology, Chemistry, Materia Medica and Therapeutics, Theory and Practice of Medicine, Surgery, Obstetrics, Gynecology, Pediatrics, Hygiene, Medical Jurisprudence, Histology, Pathology, Bacteriology, Clinical Microscopy, Ophthalmology, Otology and Laryngology, Mental and Nervous Diseases, Physical Diagnosis and special laboratory work as hereinafter provided.

## **DEPARTMENT OF ANATOMY**

H. M. DOOLITTLE, M. D., Professor of Anatomy.  
J. M. INGE, M. D., Lecturer of Regional Anatomy.  
W. W. SHORTAL, M. D., Demonstrator of Anatomy.  
W. M. FREEMAN, M. D., Demonstrator of Anatomy.

### **ANATOMICAL LABORATORY**

The Laboratory is situated on the top floor of the new college building and is thoroughly modern in every respect. The new anatomical law provides an abundance of good material, which will be preserved in the most suitable way and ready for use as needed.

### **COURSE OF INSTRUCTION**

I. OSTEOLOGY.—Laboratory and Recitations. Four hours a day for two weeks.

The department possesses an osteological collection of sufficient size to enable each student to study all parts of the skeleton thoroughly.

II AND III. PRACTICAL ANATOMY.—Laboratory, lectures and quizzes. Beginning October 15th, and extending for a period of 10 weeks, every afternoon from one to five. Freshmen begin the lower dissection as soon as they have passed the final in Osteology. Each student is required to dissect every part of the body below the diaphragm, under the direction of the demonstrators and to pass satisfactory quizzes at stated intervals. Sophomores are similarly drilled upon the structures above the diaphragm. Especial attention is constantly given to anatomical relations, and the practical application of anatomy to surgery and gynecology.

IV. NERVOUS ANATOMY LECTURES AND LABORATORY.—Sophomores will be required during the afternoons in October, to dissect a complete brain and make a series of drawings illustrating the principal cross and longitudinal sections. The special sense organs will also be demonstrated, and especial attention given to the conducting paths of the cord and to cerebral localization.

V. REGIONAL AND SURGICAL ANATOMY.—A series of twelve lectures will be given at irregular intervals throughout the year by Dr. Inge.

### **HISTOLOGY**

J. D. GUYOT, M. D., Lecturer and Demonstrator.

This subject will be taught by illustrated lectures with the stereopticon, recitation, demonstrations, and laboratory work during the first year. Students in the laboratory will be required to make staining and hardening solutions, prepare material, and cut, stain, and mount specimens on their own slides. Microscopes will be furnished for the study of same. A projection microscope is used to demonstrate the slides.

The course will cover the entire field of normal histology, and each student will be required to mount a satisfactory specimen of every tissue of the body.

### **DERMATOLOGY**

J. B. SHELMIRE, M. D., Professor.

This subject is taught didactically and clinically. Dr. Shelmire will draw upon his extensive practice as well as the clinical facilities afforded by the various hospitals of the City. The Texas Baptist

Memorial Sanitarium and Dispensary will afford nearby opportunities for illustrating the various diseases discussed. Students will be given an opportunity of seeing all classes of skin diseases.

### RECTAL DISEASES

JULIAN H. MORRIS, M. D., Professor.

In this course will be taught the cause, diagnosis, pathology and treatment of all diseases, both medical and surgical, of the rectum, anus and sigmoid, including constipation, hemorrhoids, abscess, fistula, stricture, ulceration, prolapse, pruritus, congenital malformations, wounds, foreign bodies, impaction, non-malignant tumors, proctitis, irritable ulcer, etc. Instruction will be given by lectures, illustrations, quizzes and clinical work.

### CHEMISTRY

J. CONNOR CHISHOLM, B. S., P. D., Professor.

Chemistry will be taught by didactic lectures and by practical work in the laboratory, which is fitted with all needed appliances.

The first year's work consists of general inorganic chemistry. The laboratory course will include experimental work in general chemistry and qualitative analysis.

Organic chemistry, physiological chemistry and urinalysis will be taught during the second year by a suitable combination of lecture, text-book and practical laboratory work. Students are required to spend twelve hours per week in the chemical laboratory.

A final examination in chemistry will be given at the close of the second year.

#### Chemical Laboratory

Situated in basement, plenty of light; room for 75 students to work at one time, fully equipped with modern tables, lockers, and plenty of apparatus and reagents.

### PHYSIOLOGY

JULIAN H. MORRIS, M. D., Professor.

This department of Biology is studied by lectures supplemented by thorough quizzing and constant work in a well-equipped laboratory. During the first year, the physiological chemistry, anatomy and functions of all parts revealed by anatomy are carefully investigated in the study of vital phenomena, blood, circulation, respiration, internal secretions, digestion and absorption, excretions, skin and metabolism. During the second year, the entire time assigned this branch of science is devoted to the nervo-muscular systems, special senses, and reproduction. Three lectures a week, and four hours daily during the laboratory period, are used to permit the student to drift from mere mental imagery to realization. Diagrams and other methods of illustration, supplemented by work in Comparative Physiology, will be constantly presented to the student, the subject being taught so that the knowledge acquired will be a gateway of entrance into the arena of Pathology, Medicine, and the higher branches of study in the other departments. The laboratory has been equipped with new and modern apparatus, and every effort will be made to carefully work out everything of importance revealed by lecture.

## PATHOLOGY AND BACTERIOLOGY

R. LEE YATER, M. D., Associate Professor.

I. GENERAL PATHOLOGY.—During the first semester the second year students study by text-book work the causes of disease, its means of dissemination, and the protecting and healing forces of the body. During the second semester, these students study Disturbances of Circulation, Retrograde Changes, Hypertrophies, etc., Inflammation, Tumors and the Pathology of the important infectious diseases. The work of this semester is carried on in conjunction with Course III.

II. BACTERIOLOGY.—Laboratory work every afternoon for eight weeks during the second semester. Each student makes his own media, cultivates his own organisms, and prepares his own specimens.

III. PATHOLOGICAL HISTOLOGY.—Laboratory work every afternoon eight weeks during the second semester; and in second year each student stains and mounts specimens of pathological material given him by the instructor. These are studied, diagnosed, and discussed each day.

IV. GROSS PATHOLOGY.—As material is sent from the clinics, it is described and discussed by the third and fourth year students.

V. AUTOPSIES.—When material permits, all students are required to attend autopsies.

## PHYSICAL DIAGNOSIS

W. J. CALVERT, A. B., M. D., Professor.

During the first semester of the junior year systematic lectures and demonstrations are given on the fundamental principles underlying the various physical signs which make up physical diagnosis, including history-taking, inspection, percussion and auscultation.

During the second semester the signs are discussed in groups which constitute the various diseases.

In the fourth year the knowledge thus gained is given practical application in examining the clinical material in both the hospital and the dispensary.

## MATERIA MEDICA AND THERAPEUTICS

CHESTER A. DUNCAN, B. S., Phar. D., Associate Professor Pharmacy.

A. W. NASH, M. D., Lecturer.

Instruction in this department will be given to the first, second and third year students by laboratory work, recitations and lectures. Examinations will be held at the end of the session for each class. The examinations for the first and second year students will be to determine fitness for advancement to the second and third years respectively. The Third year examination, if satisfactory, is final.

The division of study will be as follows:

### First Year

The first year will be devoted to pharmacognosy and pharmacology. It is not intended that students should become graduates in pharmacy, but every physician should be familiar with the physical and chemical properties of drugs, with the fundamental principles of pharmacy, and with the different classes of pharmaceutical preparations.

### Second Year

Students of the second year will take up by laboratory demonstrations, lectures and recitations, the physiological action of remedial

agents, together with classification, mode of elimination, physiological antagonists, incompatibles, untoward action, and general therapeutic effects.

### Third Year

The student having been drilled in pharmacy and physiological action, the point of view will be reversed and the subject considered from the therapeutical side. General departures from healthy functions will be considered, nature's method of repair elucidated and therapeutical aids suggested. Thus the student's work will be graded and each year's study naturally leads to the next.

## PRINCIPLES AND PRACTICE OF MEDICINE

W. J. CALVERT, A. B., M. D., Professor.

It is the aim not only to teach the principles of medicine, but to thoroughly instruct the student in its practical application. Instruction in this department is offered by frequent clinics at the hospitals and at the medical School, and extends over the third and fourth years. Thorough consideration is given to all diseases, acute and chronic. At least four lectures a week are given, supplemented by illustrative clinics. Abundant opportunities are offered students to make observations and investigations of cases and to confirm the clinical symptoms and physical signs pointed out by the lecturer. The inquiring student is encouraged, and every facility afforded him, in the clearing up of questions of doubt. Hospital, bedside and dispensary teaching to sections of the class is made a feature of the course. Sections of the classes are assigned to special investigations of certain complicated or obscure cases, such as examinations of blood, urine, gastric contents, etc., and are required to submit written reports and conclusions to the heads of the department, or to the classes in open conference. In this way the faculty of the student is cultivated and originality of thought and expression encouraged.

Sections of the class, or individual members, in rotation, are invited to see cases of interest in private practice and thus, besides the instruction that the case itself affords, obtains a profitable view of the peculiar and personal relation which the family physician sustains to the patient in his own home.

## ELECTRO-THERAPEUTICS AND RADIO-THERAPY

J. M. MARTIN, M. D., Professor.

The rapid advance which has been made in the science of electricity and the great importance of electrical diagnosis and treatment has led to the establishment of a chair of Electro-Therapeutics and Radio-Therapy. This course, under the direction of Professor Martin, will consist of didactic and laboratory work, two hours a week during the Senior year. This course will give the student a thorough knowledge of voltaic, faradic and static electricity; of batteries, dynamos, static machines, and X-ray coils; of the various electrical currents and therapeutic rays; and of the technique of application to the treatment of disease. Special instruction will also be given in the diagnostic use of X-Rays and in the making of radiographs.

A well equipped laboratory, containing electrical apparatus for demonstration has been established on the third floor of the Ramsuer Science Building.

**EYE, EAR, NOSE AND THROAT**

EDWARD H. CARY, M. D., PROFESSOR.

D. L. BETTISON, M. D., Instructor.

There are subjects in this branch of medicine with which the general practitioner should be familiar. He cannot get a special knowledge of every branch of medicine during his student days or during a lifetime. It will be the object of this chair to give the graduates the knowledge which will serve them best in the general practice of medicine. This can be done most successfully by having the patient before the class—the clinic.

The student will be required to make an examination of the patient, and tell what he knows about the case; and starting from this standpoint the instruction will be continued. He will be required to treat cases and familiarize himself with the ophthalmoscope sufficiently to determine the normal appearance of the media and fundus of the eye, and to diagnose the coarser lesions. The Senior class will be taken in sections and taught the use of the ophthalmoscope by actual practice, there being abundant clinical material. A few didactic lectures will be given, but instruction will be largely clinical.

Otology will receive the attention its importance demands. The course of instruction will consist of didactic lectures and clinics.

Each student will have an opportunity to examine ear patients, make a diagnosis, observe course of treatment, and familiarize himself with the use of aural instruments.

Students of the Senior class will be given one lecture each week upon the diseases of the throat and nose. They will be instructed in their inspection and in the use of the various instruments therefor. The course will be made as practical as possible, and will be adapted more particularly to the needs of the general practitioner. The class will be divided into sections for clinical work and for personal instruction in the methods employed in the treatment of the throat and nose.

## SURGERY

CHARLES M. ROSSER, M. D., Professor of Surgery.

G. M. HACKLER, M. D., Professor of Principles of Surgery  
and Clinical Surgery.

H. M. DOOLITTLE, M. D., Associate Professor of Surgery.

Surgery recognized as both a science and an art is taught by lectures, recitations and clinical exposition. The practice based as it must be upon a knowledge of fundamental branches properly emphasized during the first two years, the more major aspects are reserved for the Junior and Senior classes.

**MINOR SURGERY AND BANDAGING.**—Preparatory to a readiness for Junior work one lecture each week is devoted to the Sophomore class which instructs in the minor methods of Surgery, including Asepsis and Antiseptics, the preparation of surgical accessories, and some demonstrations of mechanical principles as applied to fractures and dislocations, etc.

**PRINCIPLES OF SURGERY.**—(a) Systematic lectures two hours each week, completely covering the Pathological changes incident to surgical conditions and the principles underlying their varied manifestations, is assigned to the Junior class. These lectures will also discuss the diagnosis and treatment of wounds, fractures, dislocations, and general disorders due to injuries occurring to the body.

(b). The Senior class is required to attend a portion of the foregoing lectures sufficient for full review and are given two hours weekly lectures covering surgical pathology, injuries of graver nature, the diagnosis and treatment of Neoplasms, and Surgical diseases included in general and abdominal Surgery.

**SURGICAL CLINICS.**—The Texas Baptist Memorial Sanitarium, Buckner Children's Hospital, and the Parkland (city) Hospital concede to Baylor University for its Medical Department suitable clinical opportunities by which to demonstrate surgical diseases.

For this purpose the Junior and Senior classes are sub-divided for convenience in practical teaching; and daily bedside and out-door work is continued throughout the year for Seniors and for Juniors to an extent consistent with other duties.

**OPERATIVE CLINICS.**—Six hours weekly are set apart for operative clinics at which original service and after treatment are done in the presence of the Senior class by each of the surgical staff; and in order that students may become mechanically familiar, fourth year men are invited to render such assistance as is advisable according to cases in hand and the progress of the student.

**OPERATIVE SURGERY ON CADAVER.**—Senior Year. Two hours weekly during the second semester are assigned to the study of practical surgery by use of cadaver, and the desire is to promote proficiency in the practice by having each student go over the several operations personally in the presence of the instructor after his demonstrations. In this way not only the technical details of surgical procedures will be better understood but regional anatomy correctly impressed.

The Out Door Clinic is supplemented by quite a volume of private surgical work in the service of the several surgeons who contribute that portion which can be made clinically available.

## OBSTETRICS

CALVIN R. HANNAH, M. D., Professor.  
C. G. GRIGSBY, M. D., Associate

The work in Obstetrics will be given during the Junior and Senior years.

Three hours each week will be devoted to lectures and quizzes. Accompanying the lectures and quizzes there will be, throughout the course, practical demonstrations upon the manikin and with charts. The Seniors will be divided into sections to which charity cases occurring in the Baptist Memorial Sanitarium will be assigned. These cases will be personally handled by the Senior students under the supervision of the professor of Obstetrics or his assistant and witnessed by the Juniors. Besides cases occurring in the Sanitarium, our Out Door Clinic will be abundant and well organized and to these cases students will be assigned.

The Juniors will be instructed throughout the term in:

1. Anatomy of female generative organs.
2. Physiology and development of ovum.
3. Physiology of Pregnancy.
4. Physiology of Labor.
5. Physiology of the Puerperium.

Seniors will be instructed in:

1. Obstetric Surgery.
2. Pathology of Pregnancy.
3. Pathology of Labor.
4. Pathology of the Puerperium.

## GYNECOLOGY

ELBERT DUNLAP, Ph. G., M. D., Professor.

Instruction in Gynecology and Pelvic Surgery is given during the third and fourth years.

Two didactic lectures a week supplemented by clinics in the Baptist Memorial Sanitarium, and work in the Out Door Clinic of the College.

The work of the Senior students will be largely clinical where cases will be presented for examination, diagnosis and treatment. Small sections of the class will receive individual practical instruction in operative technique and plastic work.

Attention will also be called to diseases of rectum and bladder which are peculiar to women.

## GENITO-URINARY DISEASES

JOHN H. DEAN, M. D., Professor.

The instruction in this department consists of a thorough course of lectures, quizzes and clinics. Two hours a week are devoted to the general principles of the subject in a didactic way, while the details of diagnosis and treatment are carefully covered by numerous clinics and operations. This department is prepared to handle the large amount of clinical material which is ever increasing in this city and surrounding country, and a most thorough practical course is given the student.

**NERVOUS AND MENTAL DISEASES****JOHN S. TURNER, M. D., Professor.**

Due attention will be given to mental and nervous diseases in all their various forms and complications.

Etiology, pathology, diagnosis and treatment, while considered from the standpoint of the specialist, will be outlined for the daily purposes of the general practitioner in order that he may recognize and understand such cases when observed. These subjects will be taught by both clinical lectures and demonstrations, as well as didactic lectures.

**MEDICAL JURISPRUDENCE**

One lecture per week will be given until January 1st; then two lectures per month until the end of the term. It will be the earnest desire of the lecturer that each student be thoroughly familiar with the State laws governing the practice of medicine, as well as the legal aspect usually taught in a course of lectures on this subject.

**DISEASES OF STOMACH AND INTESTINES****EMIL ARONSON, M. D., Professor.****W. M. PECK, M. D., Clinical Professor.**

In recent years the diseases of this important subject have been given proper recognition.

The course will include not only didactic lectures, but clinical cases to be shown demonstrating the interesting points relating to the diagnosis and treatment, in a most thoroughly practical manner.

**DISEASES OF CHILDREN****A. F. BEDDOE, A. B., M. D., Professor.****H. LESLIE MOORE, A. B., M. D., Clinical Professor.**

This subject is in the hands of men well trained, and the clinical opportunities afforded are abundant, in as much as the material from Buckner's Childrens' Hospital, in its entirety, is utilized by the faculty for the Scdool of Medicine. The lectures are both didactic and clinical, two hours each week being devoted to this subject.

Inturbation is demonstrated on the cadaver and each student is made familiar with the operation.

**DERMATOLOGY****J. B. SHELMIRE, M. D., Professor**

This subject is taught didactically and clinically. Dr. Shelmire will draw upon his extensive practice as well as the clinical facilities afforded by the various Hospitals of the city. The Texas Baptist Memorial Sanitarium and Dispensary will afford near by clinics for illustrating the various diseases discussed. Students will be given an opportunity of seeing all classes of skin diseases.

**DIETETICS AND HYGIENE****WALTER M. PECK, M. D., Lecturer.**

Dr. Peck will deliver one lecture each week on Dietetics and Hygiene, in addition to his other work.

## SUMMARY OF THE FOREGOING WORK

### First Year

**ANATOMY.**—Six lectures weekly, half year, 90 hours. Six demonstrations weekly, 370 hours. Total, 460 hours.

**PHYSIOLOGY.**—Two lectures weekly, 60 hours. Two laboratories weekly, 60 hours. One recitation weekly, 30 hours. Total, 150 hours.

**CHEMISTRY.**—Two lectures weekly, 60 hours. One recitation weekly, 30 hours. Three laboratories weekly, 270 hours. Total, 360 hours.

**MATERIA MEDICA.**—Two lectures weekly, 60 hours. One recitation weekly, 30 hours. Total, 90 hours.

**HISTOLOGY.**—Three lectures weekly, 15 weeks (45 hours). One recitation weekly, 15 hours. Three laboratories weekly, 135 hours. Total, 195 hours.

**BIOLOGY.**—One lecture weekly, 30 hours. Embryology, laboratory and lectures, 60 hours. Total, 90 hours.

**TOTAL FOR YEAR**—1345 hours.

### Second Year

**ANATOMY.**—Six lectures weekly, half year, 90 hours. Six demonstrations weekly, 370 hours. Total, 460 hours.

**PHYSIOLOGY.**—Two lectures weekly, 60 hours. One recitation weekly, 30 hours. Four laboratories weekly, 120 hours. Total, 210 hours.

**CHEMISTRY.**—Two lectures weekly, 60 hours. Three laboratories weekly, 270 hours. One recitation weekly, 30 hours. Total, 360 hours.

**MATERIA MEDICA.**—Two lectures weekly, 60 hours. One recitation weekly, 30 hours. Total, 90 hours,

**BACTERIOLOGY.**—Lectures and recitations during term, 36 hours. Six laboratories weekly, 108 hours. Total, 144 hours.

**HYGIENE AND CLIMATOLOGY.**—One lecture weekly, 30 hours.

**MINOR SURGERY.**—One lecture weekly, 30 hours.

**PATHOLOGY.**—Lectures weekly during term, 36 hours. Laboratories weekly, 108 hours. Total, 144 hours.

**TOTAL FOR SECOND YEAR**—1468 hours.

### Third Year

**MEDICINE.**—Three lectures weekly, 90 hours. One recitation weekly, 30 hours. Four clinics weekly, 120 hours. Total, 240 hours.

**SURGERY.**—Three lectures weekly, 90 hours. One recitation weekly, 30 hours. Four clinics weekly, 120 hours. Total, 240 hours.

**OBSTETRICS.**—Three lectures weekly, for term, 90 hours. One recitation weekly, 30 hours. Total, 120 hours.

**GYNECOLOGY.**—Two lectures weekly, 60 hours. One recitation weekly, 30 hours. Clinics, 30 hours. Total, 120 hours.

**EYE, EAR, NOSE AND THROAT.**—Clinics, 180 hours. Two lectures weekly, 60 hours. Quizz, 30 hours. Total, 270 hours.

**GENITO-URINARY, SKIN AND RECTAL DISEASES.**—Three lectures weekly, 90 hours. One clinic weekly, 30 hours. Total, 120 hours.

**ELECTRO THERAPEUTICS.**—One lecture weekly, 30 hours.

**DISEASES OF CHILDREN.**—Two lectures weekly, 60 hours. Clinics, 30 hours. Total, 90 hours.

**PHYSICAL DIAGNOSIS.**—Two lectures and demonstrations weekly, 60 hours.

**NEUROLOGY.**—One lecture and clinic weekly, 30 hours.

**PATHOLOGY.**—Two lectures weekly, 60 hours. Two laboratories weekly, 60 hours. Total, 120 hours.  
**TOTAL FOR THIRD YEAR**—1440 hours.

#### Fourth Year

**MEDICINE.**—Three lectures weekly, 90 hours. One recitation weekly, 30 hours. Four clinics weekly, 120 hours. Total, 240 hours.  
**GENITO-URINARY, SKIN AND RECTAL DISEASES.**—Three lectures weekly, 90 hours. One clinic weekly, 30 hours. Total, 120 hours.  
**MENTAL AND NERVOUS DISEASES.**—Lectures and Clinics, 30 hours.  
**DISEASES OF STOMACH AND INTESTINES.**—One lecture weekly, 30 hours.  
**SURGERY.**—Three lectures weekly, 60 hours. One recitation weekly, 30 hours. Four clinics weekly, 120 hours. Total, 210 hours.  
**SURGICAL ANATOMY.**—Four demonstrations weekly for 12 weeks, 96 hours.  
**OBSTETRICS.**—Three lectures weekly, 90 hours. One recitation weekly, 30 hours. Clinics, 30 hours. Total, 150 hours.  
**GYNECOLOGY.**—Two lectures weekly, 60 hours. One recitation weekly, 30 hours. Clinics, 30 hours. Total, 120 hours.  
**EYE, EAR, NOSE AND THROAT.**—Two lectures weekly, 60 hours. Two clinics, 180 hours. Total 420 hours.  
**ELECTRO-THERAPEUTICS.**—One lecture weekly, 30 hours.  
**MEDICAL JURISPRUDENCE.**—One lecture weekly, 30 hours.  
**TOTAL FOR FOURTH YEAR**—1296 hours.

#### HOSPITAL APPOINTMENTS

To St. Paul's Sanitarium, two resident physicians for a term of one year.

To Baptist Memorial Sanitarium, two or more resident physicians for a term of one year, for one year.

To the City Hospital, one interne for a term of one year.

These appointments will be based upon the results of a competitive examination in the practical work of medicine and surgery and upon the general qualifications of applicants. The resident physicians will be selected from the graduating class. The appointments provide for board, lodging and laundry while on duty.

#### ALUMNI ASSOCIATION

GEO. P. SMART, M. D., President, Manor, Texas  
 HENRY KUEHNE, A. B., M. D., 1st Vice-President, Wolburg, Texas  
 R. M. WILLIS, Ph. G., 2nd Vice-President, Celina, Texas  
 D. L. BETTISON, M. D., Secretary-Treasurer, Dallas, Texas.

The annual meeting of the Alumni Association of the Baylor University School of Medicine will be held during the meeting of the State Medical Association, Amarillo, Texas, 1911.

#### TUITION

All tuition and fees must be paid in advance. All students will pay the same and share equal privileges. No fees or tuitions are returnable. The expense of the four-year course is as follows:

##### Fees

###### FIRST YEAR

Matriculation Fee (paid but once).....	\$ 5.00
General Instruction.....	100.00

## SECOND YEAR

General Instruction.....	100.00
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## THIRD YEAR

General Instruction.....	100.00
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## FOURTH YEAR

General Instruction.....	100.00
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Examination Fee, including Diploma (not returnable)	25.00
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Deposit fee (returnable) for laboratories— for breakage, etc.....	5.00
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## MISCELLANEOUS INFORMATION

Good board, well furnished rooms, with fire and lights, can be secured from \$15 to \$20 a month. The living expenses for thirty weeks, with tuition and fees, need not exceed \$200. The saving of railroad fare alone is an item of great importance. It is believed that in no other large city in the Southwest can the same educational facilities be furnished at so low a cost.

Students are requested to report at the Registrar's office in the College building as soon as they arrive in the city, for the purpose of registering, matriculating and obtaining all necessary information.

The College buildings are located on Junius Street and College Avenue, and are on grounds of Texas Baptist Memorial Sanitarium. Students can catch either a Swiss or Main Street car, get off at Junius Street and Washington Avenue, then walk one block west. Hospital buildings can easily be seen from street car.

Text-books may be obtained from the Registrar, in College building

EDWARD H. CARY, M. D., Dean,  
Baylor University School of Medicine.

## TEXT-BOOKS

**DESCRIPTIVE ANATOMY.**—Cunningham, Morris, Gray, Gerrish, Quain.

**NERVOUS ANATOMY.**—Barker, Van Gehuchten, Edinger-Hill.

**PRACTICAL ANATOMY.**—Cunningham, Holden.

**SURGICAL ANATOMY.**—Treves, Hughes, Deaver.

**CHEMISTRY.**—Attfield, Sadtler, and Coblintz, Holland.

**HISTOLOGY.**—Stohr, Bailey, Huber.

**BACTERIOLOGY.**—McFarland, Mueir & Ritchie, Am. Ed. by McL. Harris, Jordan.

**PHYSIOLOGY.**—American Text-Book, Raymond.

**MATERIA MEDICA AND THERAPEUTICS.**—Cushney, Wilcox, Shoemaker's Student's Edition, Wood.

**PRINCIPLES OF SURGERY.**—Senn, Nancrede.

**GENERAL SURGERY.**—American Text-Book, Da Costa, Bryant, Wharton & Curtis.

**FRACTURES AND DISLOCATIONS.**—Stimson, Scudder.

**GENITO-URINARY SURGERY.**—Keys, White and Martin.

**ORTHOPEDIC SURGERY.**—Whitman.

**OBSTETRICS.**—Williams, King's Manual, Hirsh, Dorland and American Text.

**PRACTICE OF MEDICINE.**—Osler, Anders, Hare.

**PATHOLOGY.**—Ziegler.

**GYNECOLOGY.**—Reed, Penrose, American Text-Book.

**MENTAL AND NERVOUS DISEASES.**—Hirt & Berkley, Pearce.

- DISEASES OF CHILDREN.—Holt, Kerley, Fisher's Infant Feeding.  
 PHYSICAL DIAGNOSIS.—Hare, Butler, Da Costa, Tyson.  
 GENITO-URINARY DISEASES.—Keys, Lydston, Morton, White & Martin  
 DISEASES OF RECTUM.—Gant, Matthews.  
 EYE.—May, Swanzy, Nettleship, Haab, Fuchs, Norris & Oliver, Fox.  
 EAR.—Dench, Love, Whiting.  
 NOSE AND THROAT.—Coakly, Bosworth, Bishop.  
 MEDICAL JURISPRUDENCE.—Taylor.  
 URINALYSIS.—Tyson, Purdy.  
 CLINICAL DIAGNOSIS.—Simon, Emerson.  
 BOTANY.—Kreamers.

### MEDICAL SOCIETY

The Medical Society of the Hospital will meet once each month on the second Monday at 8 p. m., in Hospital Assembly Room. All students are expected to attend. Practitioners are invited.

### GRADUATES—1910

Degrees were conferred on the following students at Commencement, 1910:

#### DOCTOR OF MEDICINE

A. Z. Barfield . . . . .	Cheapside, Texas
B. B. Brandon . . . . .	Dallas, Texas
R. R. Davis . . . . .	Dallas, Texas
J. H. Gambrell, Jr. . . . .	Dallas, Texas
T. M. Jarmon . . . . .	Dallas, Texas
L. M. Nance . . . . .	Gainesville, Texas
C. E. Spivey . . . . .	Dallas, Texas
M. L. Stricklin . . . . .	Comanche, Texas
R. C. Whiddon . . . . .	Abilene, Texas

#### Graduates in Pharmacy

J. R. Atkinson . . . . .	Florence, Texas
W. M. Butler . . . . .	Florence, Texas
E. R. Cock . . . . .	Dallas, Texas
S. E. Cox . . . . .	Martin's Mills, Texas
J. H. Dorman, . . . . .	Dallas, Texas
D. G. Guy . . . . .	Denton, Texas
H. E. Hiebscher . . . . .	Giddings, Texas
R. E. Johnson . . . . .	Giddings, Texas
H. W. Landrum . . . . .	Bertram, Texas
J. A. McNutt . . . . .	Terrell, Texas
M. S. Seely . . . . .	Wortham, Texas
E. I. Wood . . . . .	Brady, Texas

### STUDENTS IN DEPARTMENT OF MEDICINE, 1909-10

#### Freshman Class—First Year

J. E. Adams . . . . .	Texas
C. G. Allen . . . . .	Texas
W. A. Burns . . . . .	Texas
C. M. Covington. . . . .	Texas
J. L. Dawson . . . . .	Texas
C. H. Day . . . . .	Texas

G. C. Fox . . . . .	Texas
H. L. Grier . . . . .	Ireland
W. L. Jennings . . . . .	Texas
G. L. Jones . . . . .	Texas
A. J. Kellam . . . . .	Texas
Bert Knight . . . . .	Texas
L. W. Kuser . . . . .	Texas
Jas. McKnight . . . . .	Texas
K. P. Moran . . . . .	Texas
J. I. Needham . . . . .	Tenn.
E. W. Nitchie . . . . .	Texas
C. C. Oates . . . . .	Texas
Y. P. Parish . . . . .	Texas
L. Seeger . . . . .	Texas
A. H. Smith . . . . .	Texas
G. E. Shive . . . . .	Tenn.
J. A. Swofford . . . . .	Texas
H. L. Whitaker . . . . .	Texas
H. D. Whittington . . . . .	Texas

**Sophomore Class—Second Year**

J. B. Birt . . . . .	Texas
J. H. Dorman . . . . .	Texas
T. L. Eyerly . . . . .	Texas
C. H. Fain . . . . .	Kansas
Chas. Gowen . . . . .	Texas
R. I. Grimes . . . . .	Texas
T. W. Hancock . . . . .	Texas
L. W. Hollis . . . . .	Texas
V. E. Robbins . . . . .	Texas
A. M. Shelton . . . . .	Texas
J. W. Shepherd . . . . .	Texas
E. F. Simpson . . . . .	Texas
I. H. Smith . . . . .	Texas
N. Williams . . . . .	Texas
J. H. Womack . . . . .	Texas

**Junior Class—Third Year**

E. J. Ashcraft . . . . .	Texas
J. D. Davidson . . . . .	Texas
N. A. Davidson . . . . .	Texas
T. N. Dyson . . . . .	Miss.
I. A. Estes . . . . .	Texas
H. Finley . . . . .	Texas
J. H. Haney . . . . .	Texas
W. B. Hardin . . . . .	Texas
G. W. Howard . . . . .	Texas
B. M. Huckaby . . . . .	Okl.
E. L. Miller . . . . .	Texas
E. F. Robbins, Jr . . . . .	Texas
F. W. B. Rocket . . . . .	Texas
I. D. Russell . . . . .	Texas
J. T. Smith . . . . .	Texas

**Senior Class—Fourth Year**

A. Z. Barfield . . . . .	Texas
B. B. Brandon . . . . .	Texas

C. A. Brower . . . . .	Texas
R. R. Davis . . . . .	Texas
C. W. Evans . . . . .	Texas
J. H. Gambrell, Jr. . . . .	Texas
T. M. Jarmon . . . . .	Texas
L. M. Nance . . . . .	Miss.
C. E. Spivey . . . . .	Texas
W. R. Strasner . . . . .	Texas
M. L. Stricklin . . . . .	Texas
R. C. Whiddon . . . . .	Texas

**PHARMACY STUDENTS****Juniors**

Allen C. G. . . . .	Texas
Atkinson J. F. . . . .	Texas
Barnett B. . . . .	Texas
Blain D. . . . .	Texas
Brown G. M. . . . .	Texas
Carroll P. D. . . . .	Texas
Crumpler P. . . . .	Texas
Featherstone W. B. . . . .	Texas
Frazier C. M. . . . .	Texas
Glover F. D. . . . .	Texas
Hill C. R. . . . .	Texas
Huckaby J. P. . . . .	Texas
McMahon J. D. . . . .	Texas
Miles L. A. . . . .	Texas
Murphy L. . . . .	Texas
Nutt E. K. . . . .	. Ark.
Robertson J. A. . . . .	Texas
Roemer P. O. . . . .	Texas
Taylor O. O. . . . .	Texas
Thurman C. H. . . . .	Texas
Watts C. F. . . . .	Texas
Williams C. A. . . . .	Texas
Zacha M. L. . . . .	Texas
Young C. D. . . . .	. La.

**Seniors**

Atkinson J. R. . . . .	Texas
Butler W. M. . . . .	Texas
Cock E. R. . . . .	Texas
Cox S. E. . . . .	Texas
Dorman J. H. . . . .	Texas
Guy D. G. . . . .	Texas
Hielscher H. E. . . . .	Texas
Johnston R. E. . . . .	Texas
Landrum H. W. . . . .	Texas
McNutt J. A. . . . .	Texas
Seely M. S. . . . .	Texas
Wood E. I. . . . .	Texas



PATHOLOGIST'S RESEARCH LABORATORY



## **DEPARTMENT OF PHARMACY**

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### **FACULTY**

**E. G. EBERLE**, Ph. G., A. M., Dean.  
Professor of Theory and Practice of Pharmacy.

**J. CONNOR CHISHOLM**, B. S., P. D.,  
Professor of Theoretical and Analytical Chemistry.

**CHESTER A. DUNCAN**, B. S., P. D.,  
Associate Professor Pharmacy and Director Pharmaceutical Laboratory.

**JULIAN H. MORRIS**, M. D.,  
Professor of Physiology.

**SAMUEL Y. ALTHOFF**, P. D.,  
Professor Materia Medica and Pharmacognosy

**A. W. NASH**, M. D.,  
Lecturer Materia Medica and Therapeutics.

**E. F. ROBBINS, JR.**,  
Chemical Laboratory Assistant.

**J. H. DORMAN**, Ph. G.,  
Pharmaceutical and Botanical Laboratories Assistant.

**ANNOUNCEMENT PHARMACY DEPARTMENT BAYLOR UNIVERSITY, DALLAS, TEXAS**

Under an agreement effected June 19, 1903, Baylor University, at Waco, established a medical department at Dallas by acquiring the Medical and Pharmacy Department of the University of Dallas. The transaction included the transfer of all properties and good will, creating the Baylor University College of Medicine and Baylor University College of Pharmacy as an integral part of "Baylor University at Waco, Texas."

The Pharmacy course extends over two years, leading to the degree of Graduate in Pharmacy. In the Pharmacy department the laboratories are complete and adequate to the demands, and the work of the student will be all that is essential to enable him to enter upon an active career as a Pharmacist. The number of hours for work in the laboratories are prescribed, but the student is not limited if he desires to devote more time to laboratory work.

We believe that with fewer students the teachers will be better able to come in direct contact with the student, recognize where he may need help and convey information that with a large class is utterly impossible. Most of the professors and instructors are well known, at least in Texas, and we have reason to believe, favorably so.

This is the only College of Pharmacy in Texas a member of the "American Conference of Pharmaceutical Faculties."

**DALLAS**

Dallas is a city of upwards of 100,000 inhabitants. The postoffice business of Dallas amounts to more than any city of 125,000 in the United States, and more than any two cities of Texas. The hotel accommodations are better than any city of its size, and those who come here to spend a longer period of time can obtain the best of boarding house accommodations at rates that generally prevail in any town or city. Quite a number of these are located in the near vicinity of the College.

Dallas has over ninety drug stores in which a student desirous of obtaining employment during spare time can obtain same and help pay his expenses. Any student who desires to enter the Department of Pharmacy and who wishes to obtain a position in a drug store, will please notify the Registrar at his office in the College building, and give him references relative to his ability and character. His name will be entered on a register kept for this purpose, and every effort possible will be made to secure the desired position. There are also three wholesale drug houses in Dallas, which employ quite a number of men and who frequently require additional temporary help, when it is not possible to give permanent employment. All of these offer opportunities to see how work is conducted, both in a retail and jobbing way, and thus in themselves are excellent educators.

The many stores and offices also offer opportunities to secure positions when it is impossible to secure them in drug stores. Those desiring to take a business course while attending the Department of Pharmacy, will find here in Dallas the very best schools of this class, and many will, no doubt, avail themselves of these advantages so essentially necessary for a business career.

There are, besides the above mentioned, many factories in which persons qualified in chemistry and pharmacy are employed. Also a number of patent and proprietary medicine establishments, surgical

instrument houses, and the like. This brief summary will evidence the advantages Dallas has over many other cities to give employment to those that may need such assistance to complete a course in pharmacy.

### ENTRANCE REQUIREMENTS

Students applying for entrance must have had at least one year in a High School, or must submit evidence that he has certificates or credentials to show that he is entitled to equivalent of 10 units in literary work. Literary units and their values explained on page 16 of catalogue. Applicants who cannot show the proper credits, but who have had special work and can pass examinations on following literary branches: English, to include grammar and rhetoric; United States History; General History; Arithmetic, and Algebra, may do so at special examinations held the first week of college course.

### REQUIREMENTS FOR GRADUATES

Every person upon whom the degree of graduate in Pharmacy shall be conferred, must be of good moral character, have attained the age of twenty-one years, and shall have had not less than one year practical experience in a drug store. They shall present, prior to their graduation, a thesis upon some subject relating to Pharmacy, and pass an examination in all the essential branches of the Department of Pharmacy satisfactorily to the Faculty. The latter examination will take place after a full two years' course in Pharmacy, the last of which must be taken in this school.

### BOARDING HOUSES

Board and lodging may be readily obtained in close proximity to the school, at rates ranging from \$2.50 upwards per week. The Registrar can provide inquirers with a list of suitable boarding houses on their arrival in the city.

### CALENDAR

#### 1910

Sept. 30—Friday: Oct. 1—Saturday: Registration and Entrance Ex-  
aminations.

Oct. 3—Monday: First Semester begins.

Opening exercises at 10 a. m. at College Building.

Nov. 24—Thursday: Thanksgiving Holiday.

Dec. 22—Thursday: Christmas vacation begins at 12 m.

#### 1911

Jan. 2—Monday: Opening of Second Semester.

Feb. 22—Holiday: Washington's Birthday.

May 1—Monday: Final Examinations.

May 16—Tuesday: Commencement Exercises.

### CHEMICAL LABORATORY

J. CONNOR CHISHOLM, B. S., P. D., Director.

E. F. ROBBINS, JR., Assistant.

This laboratory is located in the basement and occupies an area of 2,500 square feet, is furnished with cabinet-made double and single tables, electric exhaust fans, fume closet, weighing room and demonstration table. There is room for eighty-eight students to work at one time. Each table is provided with gas and water, while in other parts

of room are connections for electric heating appliances and connections for steam baths. A large amount of money has been expended on this laboratory, making it one of the best in the South.

### PHARMACY AND CHEMISTRY LECTURE ROOM

Adjacent and opening into the chemical laboratory is the Pharmacy and Chemistry lecture room. It is equipped with large lecture table, on which is gas and water, large blackboard and screen for a projectoscope. The seating capacity of this room is 160 students. Many lectures will be illustrated by lantern slides, while others will be attended by preparation of the element, compound, etc., before the class. During each lecture the chemicals or apparatus under consideration will be exhibited and commented upon.

Lantern projections of several industries will be used to impress the theory or applicability of the process involved.

### JUNIOR CHEMISTRY COURSE

#### Lectures

81 Hours—Three Lectures per week.

These will begin with a brief consideration of Physics in order to acquaint the student with the physical properties of matter. Following will be the consideration of non-metals, including the occurrence, preparation, properties, and medicinal uses of each element and its official compounds. The metals will be taken up in same order as above for non-metals.

Lectures on Pharmaceutical Chemistry, as it applies to curative and remedial substances, and co-ordinated with laboratory work by manufacture of important pharmaceutical compounds.

#### Laboratory Course

202 hours—Three periods of two and one-half hours each per week.

This will include operations illustrating principles of specific gravity, solution, reactions, precipitation, filtration, evaporation, distillation, sublimation, ignition, fusion, etc., etc., and the preparation of the non-metals and metals, as well as tests for the identity of same. A chart course for the separation and test for the basylous metals in admixture, as well as the separation of and testing for the acidulous groups, will follow. Unknown solutions will be given students for analysis. This course will include the qualitative testing of U. S. P. chemicals, including tests for identity of impurities in same. The two last weeks of the term will be devoted to qualitative urinalysis, gastric analysis and tests for inorganic poisons separately and in admixture.

### SENIOR CHEMISTRY COURSE

#### Lectures

Three Lectures per week.

Will begin with study of general organic chemistry. The study of carbon compounds as regards their graphic structure, followed by lectures on the official hydrocarbons and such derivatives as chloroform, iodoform, etc., the alcohols, aldehydes, organic acids, and carbohydrates and fats. The aromatic hydrocarbons will then be taken up, and the course will be concluded by due consideration of alkaloids, glucosides, proteins, etc.

### Laboratory Course

Three periods of two hours each per week.

Will begin with gravimetric estimation of basylous elements in salts, followed by gravimetric estimation of acidulous group of same. U. S. P. salts will be estimated gravimetrically for purity, while unknown solutions and water analysis will follow.

Volumetric analysis as applied to estimation of acids and alkalies, chlorine and iodine, compounds, silver salts, etc., official, will be considered in order to acquaint the student with the principles of neutralization, oxidation and reduction, and precipitation.

Quantitative gastric analysis, urine analysis, blood analysis, etc., will be given in connection with clinical work and as the opportunity may afford. Drug assaying as applied to digestive enzymus, volatile oils, U. S. P. chemicals, drugs and galentials for alkaloidal content will occupy 50 hours time during year.

Three hours per week will be devoted to preparation of organic compounds and the testing of same, followed by the extraction and estimation of the alkaloids. Toxicological analysis will be performed in order to acquaint the student with the methods employed for separation and identification of organic and inorganic poisons.

### PHARMACY

E. G. EBERLE, Ph. G., A. M., Professor.

CHESTER A. DUNCAN, B. S., P. D., Associate Professor.

#### Junior Year

Two Lectures per week.

In this branch the principles that underlie Pharmacy will be taught and the methods of operative Pharmacy will be explained with a view to impress the student with a reason for everything done. Remington's Pharmacy will be closely followed during the course, beginning with dissertations upon the history of Pharmacy, and leading up to and explaining the purposes and general plan of the Pharmacopoeia, the foundation of practical Pharmacy and the legal guide of the pharmacist in pursuing his vocation. Weights and measures will next be considered, together with the various bases upon which these are established, and the relationship to one another explained. The manner and method of estimating or measuring heat, and the relationship of the various thermometric measurements, will be fully explained.

Distillation and sublimation will next receive attention, and the apparatus and methods entering into the process described.

Comminution will be considered, together with the various processes that enter into this manipulation.

The laws and phenomena of solution will be studied, together with the results attending; namely, the separation of fluids from solids in the process of filtration, precipitation, crystallization, percolation, etc.

All of these operations will be studied in detail, and in the subdivisions which develop into all the processes that go to make up practical Pharmacy. The methods will be explained and exemplified by models, diagrams and apparatus.

#### Senior Year

Two Lectures per week.

The first lectures will embrace a resume of the work gone over during the Junior year. Following this the remaining Pharmacopoeial preparation will be studied, embracing the Acids, Alcohols, Ethers,

Oils, Starches, Alkaloids, Glucosides, etc. The National Formulary preparations will be carefully considered with a view of impressing the student with their importance as a means of coming in closer touch with the physician. Several lectures will be devoted to the newer remedies and incompatibilities, and also to the prescription and the methods employed in filling them, then preservation and the responsibilities connected therewith. Some time will also be given to the study of Latin, so far as it is needed to intelligently understand the terms employed in the prescription. A few evenings will be devoted to the commercial side of pharmacy, including methods of business transactions, invoicing, arrangement of store, and legal responsibilities devolving upon the druggist in the pursuit of his calling.

The Pharmaceutical Laboratory will be open two afternoons each week. To each student will be assigned an individual table, which will be supplied with gas, water and all necessary apparatus and a closet for their safekeeping; he will be held responsible for all that is within his care and will be expected to replace anything that is damaged or broken.

This department is especially designed to fit the student for the active every-day duties of a druggist. The buying and selling of drugs and medicines, together with the usual side lines, will be considered in detail. The care and preservation of stock will be shown and explained. All the pharmacopoeial preparations that can be advantageously made by the druggist will be prepared by the individual student, and such preparations as have a given standard of strength will be assayed and standardized. The dispensing of prescriptions will receive particular attention not only as to method of compounding and overcoming difficulties of incompatibility, but the desirability of neat, orderly and expeditious work will be duly impressed upon the student. Individual instruction will be largely depended upon, the idea being to teach the student to think for himself and apply theory to the actual work in hand.

The Junior course will embrace instruction in the various pharmaceutical manipulations, such as the use of apothecary and metric weights and measures, solution, filtration, distillation, evaporation, finding of the specific gravity of liquids and the adjustment of the same and the testing of alcohol and other liquids where specific gravity is depended upon for the estimation of their strength. They will also make the simpler pharmaceutical preparations.

The Senior course will take up the manufacture of the more difficult pharmacopoeial preparations, pharmaceutical testing and assaying, dispensing and the general finishing work of a practical pharmacist.

Remington's Pharmacy will be used as a text-book.

## MATERIA MEDICA

SAMUEL Y. ALTHOFF, P. D., Professor.

A. W. NASH, M. D., Lecturer.

### Junior Course

The class will be drilled carefully in the following work, preparatory to taking up the work of the Senior year:

1. The rudiments of Latin as applied to prescription writing, and case terminations.
2. Prescriptions. The component parts of a classical prescription; abbreviations and signs which are used.
3. Exhibition of drugs. Discussion: (a) Form; (b) Mode of Ad-

ministration; (c) Absorption, entrance of drugs into the body, thus embracing physiology of circulation and digestion.

4. Posology, discussed as to general principles, age, sex, body, weight, etc.

5. Therapeutic terms and definitions, with explanations likely to be useful to pharmacists.

### Senior Year

Lectures take up crude drugs, Animal and Vegetable; names of drugs, official and common; English and Latin; Medical properties; Official preparations; their doses and Toxicology, if any.

Physiological action will be dealt with in considering every drug and preparation.

Preparations of National Formulary will be given consideration.

## PRACTICAL PHARMACY

CHESTER A. DUNCAN, B. S., P. D., Director

J. H. DORMAN, Ph. G., Assistant.

### Junior Year Course

The pharmaceutical laboratory is a large room which is provided with desks, water, gas, etc.; will allow thirty-five students to work at one time; well lighted and fitted with specimen cases for study at leisure hours, and will be open at least six hours per week for special work, and the student will be required to prepare such pharmaceutical salts and preparations as will impress upon his mind such terms and processes as weighing, measuring, specific gravity, reagent, reaction, precipitate and precipitation, filtrate and filtration, crystal and crystallization, distillate and distillation, sublimate and sublimation, evaporation, dessication, exscission, coloration, lotion, ignition, maceration and percolation.

Preparations of official liquors, waters, infusions, decoctions, tinctures, fluid extracts, mucilages, etc., will end the years' work.

### Senior Year Course

The pharmaceutical laboratory will open six hours per week for this work. Preparations of official inorganic and organic substances, making of pills, pearls, suppositories, plasters, etc., will follow. The assay of drugs and the various classes of pharmacopoeial preparations will end the year's work.

The use of superheated steam, pill coaters, tablet machines, the grinding of drugs, operation of vacuum apparatus, will be demonstrated by the director of the laboratory.

## DISPENSING COURSE

CHESTER A. DUNCAN, B. S., P. D., Director.

The Drug Dispensary of the Texas Baptist Memorial Sanitarium is under the direction of the Department of Pharmacy.

The senior student is given three weeks of actual dispensing of prescriptions and the making of stock preparations.

This is an exceptionally desirable feature of the senior course, and is a supplement to the regular laboratory work of the College.

**BOTANY AND PHARMACOGNOSY**

SAMUEL Y. ALTHOFF, P. D., Professor.

**Junior Course**

The fundamental parts of plants and their classification will be duly considered with emphasis upon those that are of interest to the pharmacist. The lectures will be attended with lantern projections of cross sections of leaves, stems, rhizomes, barks, fruits, etc. The lectures will occupy two hours per week.

**Botany Laboratory**

SAMUEL Y. ALTHOFF, P. D., Director.

J. H. DORMAN, Ph. G., Assistant.

The laboratory work in Botany will be done in the Microscopical Laboratory and will allow twenty to twenty-five students to work at one time. It is provided with tables, microscopes, etc. It is here the practical study will be made in drugs, etc., and will begin with the use of the microscope, cutting cross sections, staining, examining for characteristics. The various starches will be examined and studied, the structure, characteristics of certain drugs, relative to pith, medullary rays, wood cells, last fibres, sieve-cells, stone cells, tannin, starch, oil and resin, calcium, oxalate crystals, etc., etc.

**Senior Year Course**

The lectures consisting of two hours per week, will be a continuation of the first year's work. The collection and preservation of drugs will receive proper attention.

The laboratory work, consisting of six hours per week, will be practical work in the examination, physically and microscopically, of the important drugs.

The adulteration of spices, crude and powdered drugs, will be studied by aid of the microscope.

The use of the microscope in food analysis, urinalysis, blood analysis, will end the year's work.

**PHARMACEUTICAL AND CHEMICAL ARITHMETIC**

One hour each week of junior course is devoted to instruction in arithmetic of Pharmacy and Chemistry.

**MEDICAL AND PHARMACEUTICAL LATIN**

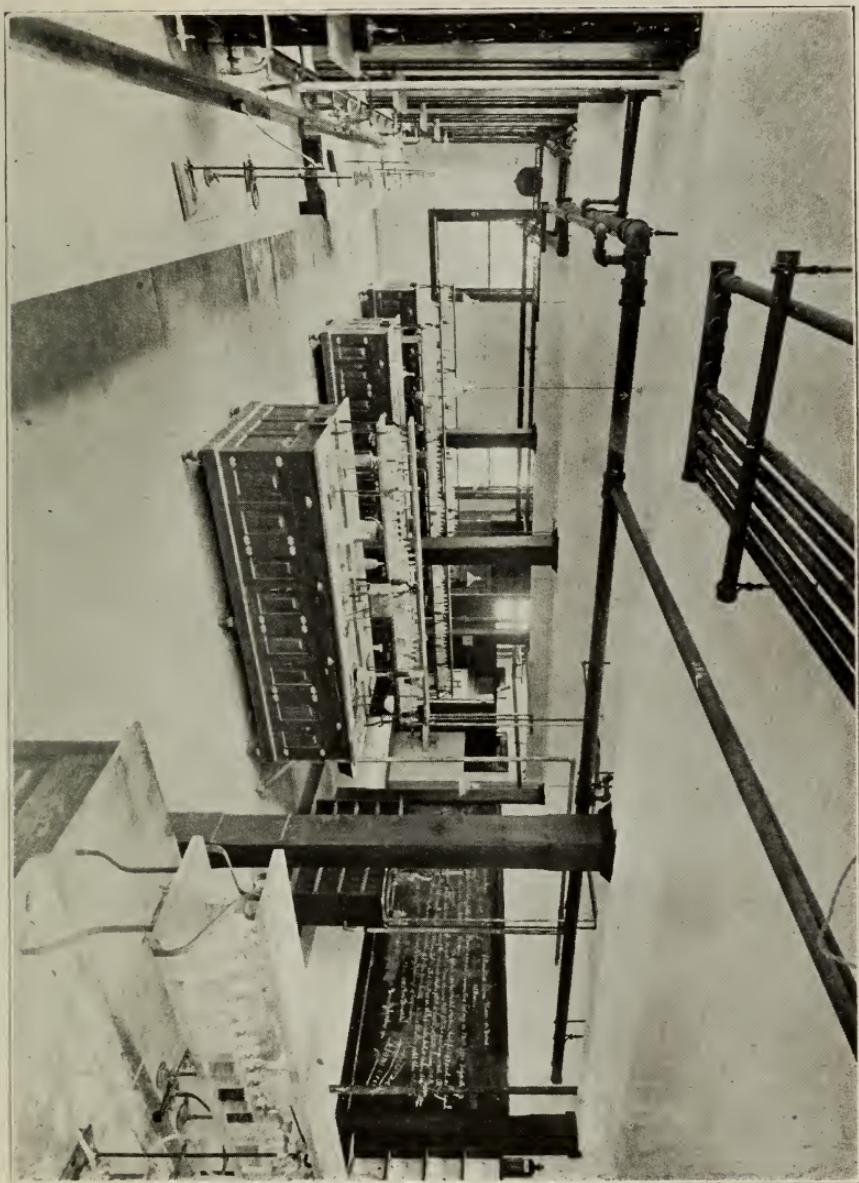
During the Junior year one hour each week will be given to instruction in the Latin as used in Medicine and Pharmacy.

**COMMERCIAL TRAINING**

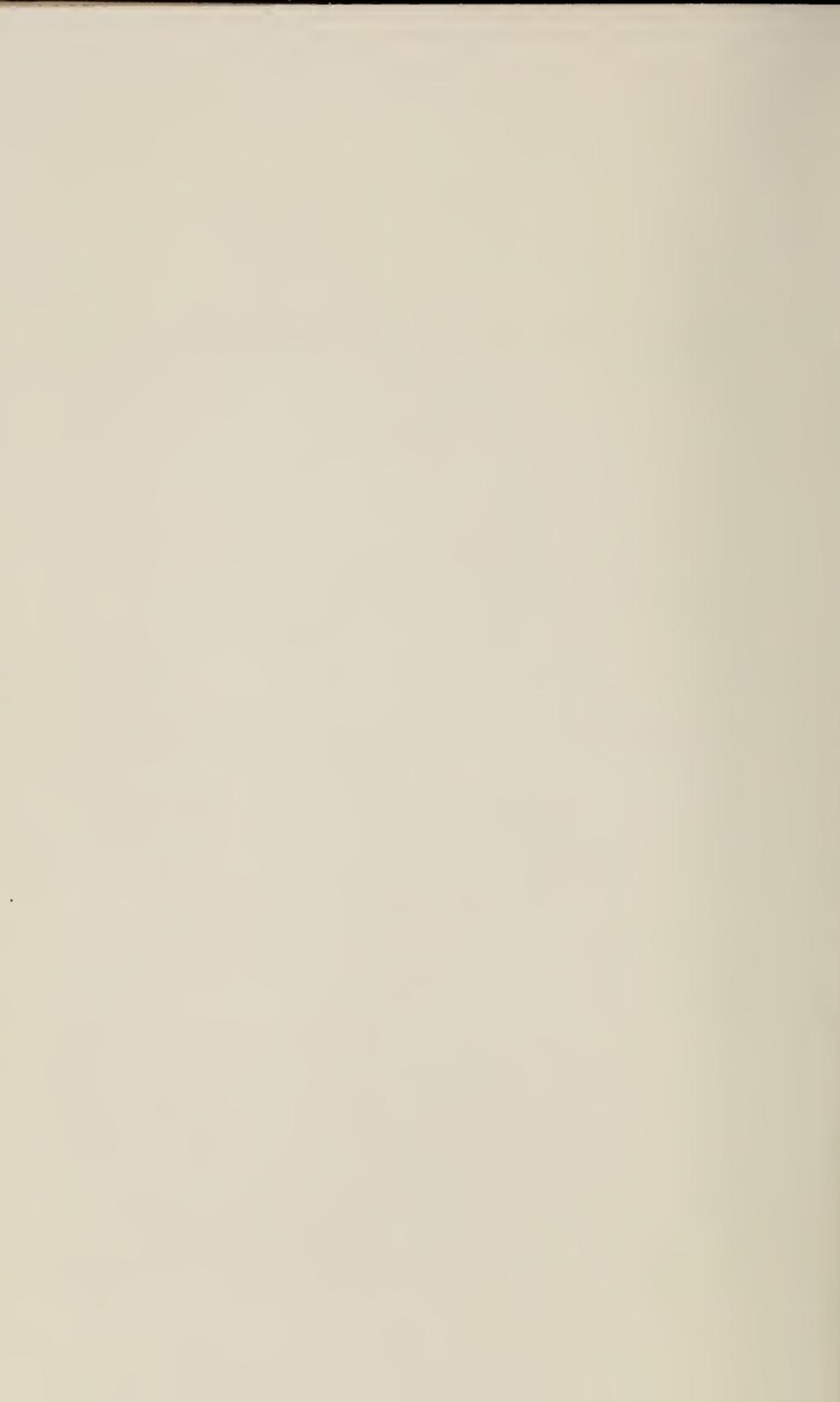
A three months course for Senior students, two hours each week following the Christmas holidays. This course takes up drug store bookkeeping in a practical way, the student keeping a practice set of books by which he learns the essential features of bookkeeping as adapted to drug store needs. A series of lectures will be given covering the important features of commercial training and commercial law.

**MEMORANDA**

Women are admitted under same conditions as men. An opportunity is offered to learn a profession which they can successfully follow.



PORTION OF CHEMICAL LABORATORY



The Dean will be at the College building daily; the hours will be announced later. Both Senior and Junior students must, each session, on entrance, register their names and addresses with the Dean or Registrar. Tuition must be paid on or before the second Monday in the session.

Matriculation fee is paid but once, on or before October 1st.

No person will be entitled to a diploma until all his fees to the College of Pharmacy have been paid.

The thesis, together with the certificates of age and time of practical experience, together with diploma fee, must be deposited with the Dean before final Senior examination.

Practical druggists and men of business experience will be requested at intervals to lecture upon topics of their own choosing and in which they may be specially interested. It is hoped in this manner not only to interest those persons in the school, but their remarks will no doubt be of much value to the student. Pharmacy of today is not only a profession, but a business as well; and he who becomes more adept and qualifies himself to supervise both divisions, will, under equal conditions, become most successful. It is for this purpose that these discussions are proposed. It is also contemplated to set apart nights for discussion upon chosen topics among the students, so that they may develop ideas of mutual advantage.

Physicians will also be requested to deliver lectures which will tend to bring into closer relationship the two professions, both of which must necessarily be benefitted by interchange of ideas and exposition of mutual requirements.

## PHYSIOLOGY

JULIAN H. MORRIS, M. D., Professor

Pharmacy students are required to take Physiology. The subject is planned in a most practical manner, so that the Pharmacy student can acquire a broader knowledge of the Physiological action of drugs, etc.

## PHARMACEUTICAL TESTING

A six weeks course of two hours each week during the last of Senior year will provide for the application of U. S. P. tests for identity, qualitative and quantitative tests of both inorganic and organic substances.

## FEES

Chemical apparatus (first year) (not returnable) .....	\$3.50
Chemical apparatus (second year) (not returnable) .....	2.50

## QUIZZ COURSE

Provision will be made for an hour's quizz to the first and second year classes, in Chemistry, Pharmacy, Botany, and Materia Medica.

It is here that each student's name is called, and he is expected to answer the question. The monthly written quizz examinations tend to make the student acquainted as to his class standing, and constitute a basis of grades, given out in the mid-year and final examinations. These quizzes are becoming very popular in this country, as they constitute the work embodied in text-books and lectures. They are given under the direct supervision of the professor in charge of his respective branch.

## Supplemental Course in Drug and Food Analysis

J. CONNOR CHISHOLM, B. S., P. D., Professor.

For information, concerning this course, address the professor in charge for small booklet outlining the course.

### COMMITTEE EXAMINATION

In addition to the regular mid-year and final examination for the first and second year students in Pharmacy, there will be a written examination by a committee made up of reputable retail and wholesale druggists of the city. This examination is compulsory, and will count in making up the average on the final examination.

### FEES

Matriculation Fee (payable only once) . . . . .	\$ 5.00
General Lecture Tickets, securing seats in the Lecture Rooms and admission to the Laboratories . . . . .	50.00
Laboratory Fee. . . . .	5.00
Examination Fee, including Diploma (not returnable). . . . .	20.00
Optional Courses in Microscopy and Bacteriology . . . . .	10.00
Deposit Fee (returnable) for Pharmacy Laboratory . . . . .	5.00
After this year it is contemplated the fee will be raised to . . . . .	75.00

### TEXT BOOKS

The following works are recommended as text-books and are for collateral reading:

#### **Chemistry**

Sadler and Coblenz Chemistry, Rockwood's Physiological Chemistry. Prescription Writing, M. L. Neff.

#### **Pharmacy**

United States Pharmacopoeia (eighth edition).

Remington's Practice of Pharmacy (fourth edition).

Collateral Reading: Caspari Treatise in Pharmacy, the Dispensaries, National Formulary, Art of Dispensing.

#### **Materia Medica, Botany and Pharmacognosy**

Materia Medica (Wilcox).

Pharmacopoeia.

Botany (Kramer's).

Botany and Pharmacognosy (Kramer).

Notes on Pharmacognosy (Wall).

## HISTORICAL CHART

PRESIDENTS		CRUCIAL EVENTS
Rev. H. L. Graves, D. D., LL. D.	1845	Baylor University at Independence founded
	—	—1848 Baptist State Convention organized
Rev. R. C. Burleson, D. D., LL. D.	1851	
Rev. G. W. Baines, Sr.	1861	1861
Rev. Wm. Carey Crane, D. D., LL. D.	1862	Waco University founded 'by President R. C. Burleson, D. D., LL. D.
	—	1868—
	—	Baptist General Association organized
Rev. R. Andrews, D. D.	1885	
Rev. R. C. Burleson, D. D., LL. D.	1886	Baylor University at Waco placed under the control of the Consolidated Baptist General Convention of Texas.
J. C. Lattimore, M. S., Chairman of Faculty	—	1897
Oscar H. Cooper, LL. D.	—	1899
S. Palmer Brooks, A. M., L. D.	—	1902
	—	1903 Medical Department added
	—	1905 Theological Seminary added
	—	1907 Theological Seminary separated from the University on recommendation of the Board of Trustees and by vote of the Baptist General Convention
	—	1909 Texas Baptist Memorial Sanitarium opened
	—	1910 Advisory Board of Texas Baptist Memorial Sanitarium created

## Baylor University

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S. P. BROOKS, A. M., LL. D., PRESIDENT.

MAIN UNIVERSITY, WACO. MEDICAL DEPARTMENT, DALLAS.

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Enrolled during 1910, 1329 students. A large faculty of the best trained teachers. Seven modern buildings; dormitories with steam heat and electric lights; laboratories with the best of equipment. Library with 25,000 volumes. Courses allowing wide margin for electives, leading to the degrees of A. B., B. L., Mus. B., and corresponding master degrees. Special opportunities for the study of Music, Oratory, or Art, under artists and teachers of the best possible training that can be had in this country or abroad.

College of Medicine and Pharmacy at Dallas offers a four years' course under excellent professors and specialists. For particulars, address the Registrar of the Baylor University School of Medicine, Dallas, Texas.

For catalogue, University publications, etc., write to the President or Registrar of Baylor University, Waco, Texas.

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### BAPTIST SCHOOLS AND COLLEGES CORRELATED WITH Baylor University

BAYLOR FEMALE COLLEGE .....	Belton, Texas
W. A. Wilson, A. M., D. D., President	
HOWARD PAYNE COLLEGE .....	Brownwood, Texas
J. S. Humphreys, A. M., President	
DECATUR COLLEGE .....	Decatur, Texas
W. C. Carver, A. M., President	
BURLESON COLLEGE .....	Greenville, Texas
O. C. Payne, A. B., President	
EAST TEXAS ACADEMY .....	Rusk, Texas
Chas. Thompson, A. B., President	
GOODNIGHT ACADEMY .....	Goodnight, Texas
J. P. Reynolds, A. B., President	
CANADIAN ACADEMY .....	Canadian, Texas
O. N. McBride, A. B., President	

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DR. D. L. BETTISON, Secretary-Treasurer .....	Dallas, Texas

1901.

T. R. Bassett .....	Condor, Texas
W. I. Bassinger .....	Gainesville, Texas
E. E. Cockrell .....	Weinert, Texas
D. L. Cockrell .....	Weinert, Texas
A. N. Gray .....	Gainesville, Texas
W. C. High .....	Dallas, Texas
S. R. Hodge .....	Gainesville, Texas
C. R. Huckaby .....	Roxton, Texas
J. M. Jeter .....	Fort Worth, Texas
R. W. McFerrand, .....	Childress, Texas
L. Roberts .....	Childress, Texas
T. M. Schoolan .....	Condor, Texas
A. M. Spurgeon .....	Dallas, Texas
—Lovelace .....	Manaos, Brazil

1902

J. E. Booth .....	Daugherty, Okla.
N. W. Bowman .....	Memphis, Texas
W. D. Dawson .....	Mangum, Okla.
T. J. Dubose .....	Mangum, Okla.
R. L. Hall .....	Terrell, Texas
A. E. Martin .....	Marietta, Okla.
Sim Martin .....	Grand Saline, Texas
A. J. Parks .....	Cisco, Texas
S. P. Ross .....	Savannah, Okla.
M. P. Surratt .....	Eddy, Texas
E. E. Thomas .....	Froza, Texas

1903

R. B. Bell .....	Waco, Texas
M. V. Creagan .....	Fort Worth, Texas
A. G. Lincecum .....	Elcampo, Texas
L. A. Winstead .....	Spanish Fort, Texas

1904

F. W. Bates (deceased) .....	Dallas, Texas
Geo. S. Beaty .....	Laguna, Texas
J. A. Bine .....	Mertens, Texas
A. H. Boswell .....	Spanish Fort, Texas
L. D. Gillespie .....	Springer, Okla.
S. A. Hays .....	Beckville, Texas
I. W. Hooper .....	Davis, Okla.
J. LeVine .....	Patterson, N. J.
J. H. McCoy .....	Tahoka, Texas
Alex Mackey .....	Dallas, Texas
T. L. Moody .....	San Antonio, Texas
Don Price .....	Centerville, Texas
E. C. Wrightsman .....	Chicago, Ill.
J. L. Hooper .....	Denton, Texas

## 1905

John Lewis Austin . . . . .	Grapevine, Texas
William Gaines Austin . . . . .	Silo, Okla.
Leigh Chalmers Beeson . . . . .	Pleasanton, Texas
Andrew Jackson Bradley . . . . .	Pike, Okla.
John David Brown . . . . .	Grant, Okla.
Robert Albert Brown . . . . .	Bellemon, Okla.
Robert Lucian Brown . . . . .	Pleasanton, Texas
James Thomas Collins . . . . .	Avery, Texas
Morris Davidson . . . . .	Prospect, Tevas
Elijah Whitman Duke . . . . .	Sipe Springs, Texas
James Harrell Flowers . . . . .	Alton, Okla.
W. C. Howard . . . . .	Newton, Texas
J. W. Huffman . . . . .	Fort Chadform, Texas
Hamilton Neal Lusk . . . . .	Toyah, Texas
A. Y. Jones . . . . .	Byers, Okla.
William Jefferson McGowan . . . . .	Leonard, Texas
William S. Parish . . . . .	_____, Texas
William Harrison Powell . . . . .	Palmer, Okla.
T. N. Roach . . . . .	Grice, Texas
J. F. McKissick . . . . .	Arlington, Texas
Thena Robinson . . . . .	Bethany, La.
J. M. Salter . . . . .	Prospect, Texas
Ernest Paul Emil Sengstak . . . . .	Pleasanton, Texas
George Pendleton Smartt . . . . .	Manor, Texas
G. W. Smith . . . . .	Farmersville, Texas
Cornelius Franklin Smith . . . . .	Fairdale, Texas
L. B. Stephens . . . . .	Brookston, Texas
Claudius William Stewart . . . . .	Gellsburg, Miss.
Ella Sturdivan . . . . .	Springdale, Ark.
Claude Dearborn Warren . . . . .	Houston, Texas
A. W. Williams . . . . .	Nelson, Okla.
T. S. Williams . . . . .	Stillwater, Okla.
Slater B. Wyatt . . . . .	Kosoma, Okla.
Walter David Yeary . . . . .	Farmersville, Texas

## 1906

D. L. Bettison . . . . .	Dallas, Texas
Richard H. Hanchey . . . . .	Singer, La.
Joel Kelly . . . . .	Palestine, Texas
Henry Kuehne . . . . .	Walburg, Texas
J. G. Paschall . . . . .	Dallas, Texas
Thomas B. Stephens . . . . .	Edhube, Texas
Kinya Tsukhara . . . . .	Dallas, Texas
Lee Yater . . . . .	Dallas, Texas

## 1907

John Joseph Chapman . . . . .	Hennipen, Okla.
Vester Varden Clark . . . . .	Estelline, Texas
Hallie Earle . . . . .	Marlin, Texas
Robert Murphy Freeman . . . . .	Dallas, Texas
W. Hyde . . . . .	Grandview, Texas
Archibald Nicholson . . . . .	Dallas, Texas
Martin Francis Sloan . . . . .	Baltimore, Md.
William Marshall Trimble . . . . .	Fort Worth, Texas

## 1908

T. V. Bishop . . . . .	Medill, Texas
Marcus W. Brinson . . . . .	Richardson, Fla.

D. L. Evans . . . . .	Dallas, Texas
M. Luther Fuller . . . . .	Audra, Texas
David C. Homan . . . . .	Oglesby, Texas
Lewellyn G. McAdon . . . . .	China, Texas
Jason E. Montgomery . . . . .	Rising Star, Texas
Lucian Penrod . . . . .	Manaos, Brazil
Shelly Rotan . . . . .	Gorman Texas
J. J. Seale . . . . .	Teague, Texas

1909

Robert Tarl Beddoe . . . . .	Ying Tak, China
Verner Iona Baugh . . . . .	Woodson, Texas
Cecil Block . . . . .	Dallas, Texas
W. Auda V. Cash . . . . .	Abilene, Texas
Henry Clay . . . . .	Tyler, Texas
Dolphus Edward Compere . . . . .	Dallas, Texas
D. Cesson De Walt . . . . .	Anchor, Texas
Abell D. Hardin . . . . .	Dallas, Texas
Oscar Huff . . . . .	Durham, Okla.
George McAlphin Liddell . . . . .	Cameron, Texas
T. P. McLendon . . . . .	Wortham, Texas
John D. Moore . . . . .	Sawyer, Okla.
Henry Grover Newsom . . . . .	Cooper, Texas
Irving Parish . . . . .	Tatum, Texas
Eugene M. Parrish . . . . .	Pecos City, Texas
William White Shortal . . . . .	Dallas, Texas

1910

J. H. Gambrell Jr. Interne Texas Baptist Memorial Sanitarium . . . . .	Dallas, Texas
R. R. Davis Interne St. Paul's Sanitarium . . . . .	Dallas, Texas
A. Z. Barfield . . . . .	Cheapside, Texas
B. B. Brandon, Interne Texas Baptist Memorial Sanitarium . . . . .	Dallas, Texas
T. M. Jarmon, Interne St. Paul's Sanitarium . . . . .	Dallas, Texas
L. M. Nance . . . . .	Gainesville, Texas
C. E. Spivey . . . . .	Dallas, Texas
M. L. Strickland . . . . .	Comanche, Texas
R. C. Whiddon . . . . .	Abilene, Texas

## DEPARTMENT OF PHARMACY

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1904

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Oscar Cooper . . . . .	Stamford, Texas

1905

Walter Samuel Camp . . . . .	Drop, Texas
John William McCarty . . . . .	Floydada, Texas
Mark Elias Miller . . . . .	Stamford, Texas
Lonzo Hawkins Rudd . . . . .	Greenwood Texas

1906

J. E. Bentley . . . . .	Midland, Texas
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Dr. J. W. Ellis . . . . .	Lampasas, Texas
W. C. Groiner . . . . .	Dallas, Texas
J. H. Lindley . . . . .	Dallas, Texas
Dr. John Graham Paschall . . . . .	Dallas, Texas

## Baylor University

1908

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Arthur James Homan . . . . .	Oglesby, Texas
Roland Merriman Willis . . . . .	Celina, Texas

1909

Birt Calvin Camp . . . . .	Seattle, Wash.
Curtis A. Christian . . . . .	Tyler, Texas
Edward A. Crofts . . . . .	Batesville, Ark.
Ollie Morrison . . . . .	Livingston, Texas
Ernest D. Powers . . . . .	Temple, Texas
Roger Qualls Sealy . . . . .	Wortham, Texas
Charles Thomas Williams . . . . .	Fort Worth, Texas
Warren S. Williams . . . . .	Merryville, La.

1910

J. R. Atkinson . . . . .	Florence, Texas
W. M. Butler . . . . .	Florence, Texas
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R. E. Johnson . . . . .	Giddings, Texas
H. W. Landrum . . . . .	Bertram, Texas
J. A. McNutt . . . . .	Dallas, Texas
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